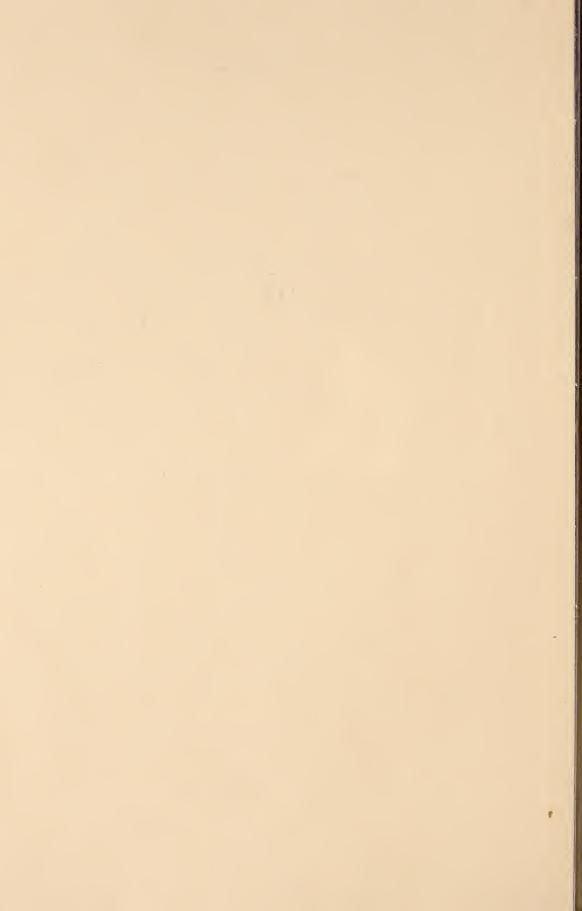
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Vol.XLVIII.No.10. LAPARK, PA., OCTOBER, 1912. 1 Year 10 Cts. Established 1871. LAPARK, PA., OCTOBER, 1912. 6 Years 50 Cts.



SPLENDID SINGLE EARLY TULIPS.

These are the brightest of early spring flowers, hardy, sure to bloom, lasting, and always ardently admired. I offer the following superb premium collection. Now is the time to get and plant them. Cultural directions with every lot. See your friends and order this month.

Arms of Leiden, rose and white. | Keiser's Kroon, red edged gold. | Rose Grisdelin, rose. King of Yellows, golden yellow. | Couleur de Cardinal, crimson. | Cardinal's Hat, pink. La Reine, white. | Thomas Moore, oxange. | Couleur Ponceau, carmine. | Moliere, violet.

OFFER:—Send 25 cents for Park's Floral Magazine three years and I'll mail to you all of the above 10 named Tulips. Or, send 15 cents for Magazine on year and the 10 premium Tulips; or, send 25 cents for two annual subscriptions and the 10 Tulips; or, send 75 cents for six annual subscriptions to Magazine and six lots (60 bulbs) of the Tulips. Now, how many will show their interest by sending me a club this month? GEO. W. PARK, La Park, Pa.

NOTICE—I regret that the entire shipment of mixed bulbs heated and rotted in transit. So do not order the mixed Tulips now

Choice Named Tulips.



HAVE GREATLY IMPROVED MY COLLECTIONS OF TULIPS this season, and have included many of the newer and finer varieties. There are no better Tulips known than those I here list, and my prices are far below the ordinary prices, while the bulbs are first class, and every bulb can be depended upon for a fine big bloom. These Tulips are all entirely hardy, and should be planted out in autumn. They will make a gorgeous display in the spring. Cultural directions will accompany the bulbs.

COLLECTION A—SINGLE EARLY TULIPS.

10 Fine Bulbs 15 Cents.

Pure White, White Hawk, one of the best white Tulips:

flowers large and of fine color.
White Jacoba van Beieren, a showy sort, fine for beds.
White Striped Rose, Cottage Maid, a fine variety for beds; very handsome.

Scarlet. Artus, brilliant scarlet, dwarf, bo'd and effective;

one of the best. Crimson, Cramoisi Brilliant, one of the brightest and showiest: very handsome.

re Yellow. Yellow Prince, golden yellow, sweet-

scented; the leading yellow Tulip.

Red and Yellow. Duchess de Parma, red and orange,

Scarlet, Admiral of Constantinople, very rich, attractive color, sometimes shaded orange. Yellow, Luten Major. Parrot, very showy and

beautiful; one of the best. Yellow and Scarlet, Perfecta, Parrot, very

White, Edged Pink, Picotee, an extra fine

Salmon Pink, Clara Butt, beautiful soft color,

beautiful and attractive.

large and very attractive.

Orange, Prince of Austria, fine orange.led, sweetscented; splendid for beds; a Tulip of great merit.

Cherry Red. Epaminondas, new, very large and handsone; one of the best Tulips in cultivation.

President Lincoln. the queen of the violets; beautiful.

The above are the finest Single Early Tulips in all the
colors. The collection can not be improved. Grouped in a bed

Ecolarger leds I will deliver the bulbs at express office

they will make a dazzling display in the spring. For larger heds I will deliver the bulbs at express office here at \$1.10 per hundred, or \$10.00 per thousand, an equal quantity of each variety.

TULIPS, 10 Fine Bulbs 15 Cents.
Scarlet and Yellow, Tournesol, bright scar-COLLECTION B—DOUBLE EARLY

White, La Candeur, the best of the white Tulips; very double and handsome. Scarlet, William III, very rich color, large

Scarlet and Yellow, Tournesol, bright scar-let, margined buff-yellow; very fine.

Pink, Murillo, beautiful light pink, the most popular of all double Tulips.

Striped, Queen Victoria, cherry-red, striped white; lovely.

Violet, Lucretia, rose violet, an extra fine and handsome flower.

Rose, Rosine, dark pink, large, double, and very

effective. Crimson. Rubra Maxima, very large, double, shading to vermilion red.

Yellow and Orange, Couronne d'Or, (Crown Vermilion. Agnes, brilliant vermilion, bold,

large and showy. of Gold), the best double yellow Tulip; extra.

I know of no fluer double early Tulips than the above. The flowers are of great size, perfectly double and of all the choicest, brightest colors and variega tions. They make a very bold, showy bed. Every bulb will develop a big. double flower. Per hundred, at express office here, \$1,25; per thousand, \$12 00.

COLLECTION C-DOUBLE LATE, PARROT AND BOTANICAL TULIPS.

LATE THERS.

10 Very Fine Bulbs, 15 Cents. PARROT TULIPS. LATE TULIPS.

Blue, Blue Flag, late, bluish violet, very double and showy

Red Striped White, Mariage de'Mafille, late, large, double, very handsome,

Pure yellow, late, very double, large and most deliciously scented.

Scarlet. Caledonia, bright, flery scarlet, black

And gold: extra.

Yellow, Retroflexa, petals elegantly recurved; one of the finest.

The above Tulip; charming.

Rosy Carmine. Gesneriana Rosea, a highly colored, beautiful Tulip with blue center.

The above Tulips are late-blooming, but exceedingly showy and lecutiful. They are rarely met with, and are more admired on that account. They are entirely hirdy. Most of them are sold by other dealers at fancy prices, but I secured those I offer at a bargain by contracting for a large lot, and can, therefore, sell at the marvelously low prices at which I offer them. Do not fail to include this collection in your order, 100 at express office here \$1.25; 1000 \$12.00. Order this month, resyon may not have such an opportunity again.

COLLECTION D-DARWIN TULIPS, 10 Builbs 20 Cents. Rosy Scarlet. Wilhelmina, dazzling rosy scar-let, very handsome, .Yellow. Persica. one of the finest Tulips; yellow and brown; splendid

White, La Candeur, almost pure white, tall and handsome.
Red, Laurentia, robust, tall, bright flaming red;

exanisite flowers.

Soft Rose. Time, Krelage, tall, soft rosy pink,

margined blush, large and beautiful.

Deep Rove. Pride of Marrlem. tall; large flower, deep rose, inside salmon-scarlet.

Black Blue, Sultan, large flowers, tall, rare and show; very dark.

The above list of Darwin Tulips embraces all the fine varieties in the most distinct colors. They bloom in May and June, showing brief flowers. Those I offer are improved varieties. 100 bulbs at express office here \$1.80.

TREE TULIP, scarlet with blue center mostly branching, bearing large, showy flowers, &c per bulb.

These Tree Tulips are hardy, mostly branch like a tree, bearing several flowers. They require a deep, rich soil to develop satisfac prily. Both, however, are hardy and of easy culture.

SPECIAL OFFEE.

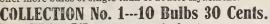
I will mail the above described collections of Tulips, 42 bulbs in all, also a 10-bulb collection of the hardy, Orchid-flowering Iris, for 75 cents. Or, set up a club for five 15-cent Tulip collection for your troub c. Such bulbs cannot be purchased elsewhere at less than from 3 to 10 cents each. Oultural directions go with every package. Orders filled in rotation when bulbs are ready, in October.

Address

I will mail the above described collections of Tulips, 42 bulbs in all, also a 10-bulb 15-cents. Or, set up a club for five collection of the hardy, Orchid-flowering Iris, for 75 cents. Or, set up a club for five collection you may select, and include the 10-bulb Iris collection for your troub c. Such bulbs cannot be purchased elsewhere at less than from 3 to 10 cents each. Orders filled in all, also a 10-bulb collection of the hardy, Orchid-flowering Iris, for 75 cents. Or, set up a club for five lived in all, also a 10-bulb collection of the hardy, Orchid-flowering Iris, for 75 cents. Or, set up a club for five lived in all, also a 10-bulb collection of the hardy, Orchid-flowering Iris, for 75 cents. Or, set up a club for five lived in all, also a 10-bulb collection of the hardy, Orchid-flowering Iris, for 75 cents. Or, set up a club for five lived in all, also a 10-bulb collection of the hardy, Orchid-flowering Iris, for 75 cents. Or, set up a club for five lived in all, also a 10-bulb collection of the hardy, Orchid-flowering Iris, for 75 cents. Or, set up a club for five collection of the hardy, Orchid-flowering Iris, for 75 cents. Or, set up a club for five collection of the hardy, Orchid-flowering Iris, for 75 cents. Or, set up a club for five collection of the hardy, Orchid-flowering Iris, for 75 cents. Or, set up a club for five collection of the hardy, Orchid-flowering Iris, for 75 cents. Or, set up a club for five collection of the hardy, Orchid-flowering Iris, for 75 cents. Or set up a club for five collection of the hardy, Orchid-flowering Iris, for 75 cents. Or set up a club for

BARGAIN IN CHOICE HYACINTHS

and showy of all the hardy spring bulbs are the Hyacinths. They are bulbs are the Hyacinths. among the earliest to greet us in the spring, and their waxy, grace-ful trusses of bloom of all the rich shades and colors, pleasing the eye, and making the balmy spring air redolent with perfume, always elicit enthusiastic admiration and praise. Now is the time to get the bulbs, either for growing in pots of soil or glasses of water for winter-blooming or for hedding in the garden to bloom ing, or for bedding in the garden to bloom in early spring. I offer fine imported bulbs of the choicest named varieties, made up in fine collections, embracing all the lovely colors. The cheaper bulbs are preferable for bedding, and will improve in beauty for several years; the larger, more expensive bulbs are the best for winter-blooming in the house. All are fine bulbs, and can be depended upon to bloom beautifully either in window or garden. As a rule the single-flowered varieties are preferable to the double-flowered for general purposes, and I therefore offer more bulbs of single than of double Hyacinths.



Pure White, L'Innocence, early, fine truss, extra; the most popular white.
ush White, Mr. Plimsoll, large, handsome bells, Blush

grand spike; splendid.

Cream White, Leviathan, exquisite waxy bells, fine

Rose, Chas. Dickens, very early, fine bells, fine large

Dark Rose, Lord Macauley, bright carmine-rose with pink center, early, extra.

Crimson-scarlet, Victor Emanuel, brilliant, fine bells.

large, handsome truss.

Porcelain-blue, Queen of the Blues, large bells, fine spike, early; one of the best.

Dark Blue, King of the Blues, showy bells,

splendid, well-finished truss.

COLLECTION No. 2-10 Bulbs, 30 Cents.

Pure White, La Grandesse, a superb sort; elegant large bells, grand truss.

Blush White, Anna, early; splendid waxy bells,

large, showy truss.

Cream White, Semiramis, lovely waxy bells,

fine large spike; beautiful.

Rose, Gen. de Wet, clear, lively color, fine bells and superb spike.

Dark Rose, Lady Derby, splendid early sort: charming bells, elegant spike.

COLLECTION No. 3-10 Bulbs, Pure White. La Tour d'Auvergne, early,

very double bells, fine spike; a choice sort.

Blush White, Isabella, splendid bells, very large spike; superb variety.

Cream White, Grootvorstin, bells with yellow

centre, splendid truss; extra.

Light Rose, Chestnut Flower, waxy bells.

fine, large spike; very handsome.

Dark Rose, Prince of Orange, very early, charming bells, showy truss; beautiful.

COLLECTION No. 4--7 Bulbs 30 Cents.

Pure White. La Tour d'Auvergne, early; fine double bells, heavy truss; very handsome.

Dark Rose, Prince of Orange, early; charming double bells, large, showy truss; beautiful.

Porcelain, Bloksburg, very fine, double bells, large truss; a handsome Hyacinth.

Buff Yellow, Sunflower, splendid double, graceful bells, heavy truss; finest double yellow.

pells, superb spike; splendid for house or garden. graceful bells, heavy truss; finest double yellow. The above four splendid Double Hyacinths will be mailed at 5 cts each, or the four for 20 cts.

Collections I and 2 embrace the most beautiful Hyacinths in cultivation. To anyone sending 60 cts for two collections I will add two double or single Hyacinths, your choice, as a premium. For large beds I will supply fine single Hyacinths, collections I and 2, an equal quantity of either 10 or 20 varieties, at \$2.50 per hundred.

LARGER BULBS—age, I have secured bulbs of larger size, for those who wish them. These are preferable where the larger bulbs of any of the collections, except No. 4, at 50 cts per collection.

SPECIAL:—For \$1.09 it will mail the above offered bulbs in all, embracing all the fine single tober and November, if you wish the best results. Orders received in September will be booked and the bulbs sent early in October, as soon as they arrive from Holland.

GEO. W. PARK, LaPark, Pa.



Purple, Lord Balfour, very early, enormous truss, finest of its color. Yellow, MacMahan, splendid; fine bells, large,

broad truss.

Crimson-scarlet, Etna, brilliant, striped bells, large and showy; fine truss.

Porcelain, Grand Lilas, extra fine; graceful

bells, large, attractive spikes,

Blue, Enchantress, charming; large, waxy

bells, showy truss.

Mauve, Sir Win. Mansfield, a splendid Hyacinth; lovely bells, showy truss,

Yellow, Ida. the finest yellow; waxy bells, large,

showy truss; extra.

Double-Flowered, 30 Cts.

Crimson Scarlet, Bouquet Tendre, lovely bells, fine, large spike; a choice Hyacinth. Porcelain, Bloksburg, very fine bells, large, showy truss; one of the best. Bright Blue, Garrick, splendid bells and truss;

a very fine sort.

Violet Blue, Crown Prince of Sweden,
superb, large bells, elegant truss; extra.

Buff Yellow, Sunflower, very graceful bells,
heavy truss; the best double yellow.

Pink, Gertrude, single, large bells, compact spike; early. This is one of the finest Hyacinths for either pots or beds. Pure White, Augenis Christina, very large,

single bells, superb truss; new, early and fine.

Blue. Grand Maitre, early; very large single bells, superb spike; splendid for house or garden.



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This famous 'Regent' Heater is listed at a remarkable bargain. It is an intense heat radiator, economical in the consumption of fuel. Built of cold rolled steel, heavy oramental cast iron, and full nickel trimmed. Made in two sizes. Price, 13-in. Invend only\$5. 75. Terms 50c down and 50c per mo. Price. 15-in. Invended only\$7. 85. Terms 15c down and 50c per mo.

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Vol. XLVIII.

LaPark, Pa., October, 1912.

No. 10.

OCTOBER.

'Tis the month of haze and hush,
When Dame Nature takes her brush
And paints for us a landscape picture grand;
As she blends the red and gold
With the brown tints manifold,
We bow before the one great Master Hand.
Bolivar, W. Va.
Blanche A. Wheatley.

HVACINTHS FOR WINTER-BLOOMING.

EW PERSONS who love and cultivate flowers do not know that Hyacinths are among the most easily grown and satisfactory of spring garden flowers, but many persons are not aware of the fact,

that for winterblooming in the window they are among the most desirable of all flowers. If well developed bulbs of early-flowering varieties are potted, or placed in glasses of water, they will throw up strong spikes or trusses of waxy bloom that will not only delight the eye, but fill the room with delicious fragrance.

October is the best month to obtain and pot or plant these bulbs. In potting them,

use a rich, porous compost with good drainage. If the bulbs are large, a four-inch pot should be used for each bulb, or a six-inch pot for three bulbs. Fill the pot within one-half inch of the rim, then excavate a place for each bulb, and set so that the neck of the bulb will protrude above the soil. Firm the soil well after the bulb is set and the soil filled in, but do not press the bulb into the soft earth, leaving the earth about it loose and porous, as in almost every case the roots will push the bulb up instead of penetrating the soil, unless

some precaution is taken to prevent it. If the excavation is made for each bulb, and the soil pressed firmly about the sides of the bulb, the roots will not hesitate to penetrate the soil. After potting, water thoroughly and set the pots away in a dark, rather warm closet, where you can allow them to remain for six or eight weeks, or until thoroughly rooted. You can bring them gradually to the light, two or more pots at a time, in periods of two weeks. By this means you can have the bulbs in bloom throughout the winter, as the flowers of one installment will begin to bloom as another fades.

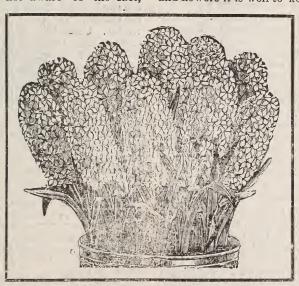
To have the finest development of trusses and flowers it is well to keep the atmosphere

moist and not too warm. The plants and flowers will develop in a shady window, but a sunny one will bring them out more quickly. When the flowers have developed, a cool shady place will keep them in good condition for many days, while a hot sunny place would cause them to soon fade and wither.

For house culture, there is not much economy in buying small or inferior bulbs. It is far better to get

the largest bulbs obtainable, for these will produce stronger trusses and more flowers, and very often each bulb will throw up several spikes of bloom. Among the varieties, L'Innocence, pure white; Ornament Rose, rose color; and Grand Maitre, blue, are among the most satisfactory. Any of the named single varieties are suitable for window culture.

The illustration on this page shows a group of flowering Hyacinths growing in a large pot, and will give the reader some idea of their beauty when thus grown.



Park's Floral Magazine.

A Monthly. Entirely Floral.

GEO. W. PARK, B. Sc., Editor and Proprietor, LA PARK, LANCASTER Co., PA.

The Editor invites correspondence from all who love and cultivate flowers.

Subscription Price, 10 cts. for 1 year, 25 cts. for 3 years, or 50 cts. for 6 years.

All communications relating to advertising should be directed to Rhodes & Leisenring, 1017-21 Unity Building, Chicago, Ill., who are the advertising reprentatives.

OCTOBER, 1912.

Iris.—As a rule the various species of Iris are bog plants, and are at their best when grown in a damp, rather tenacious soil, in partial shade.

Fuchsia.—The Fuchsia requires a rich, porous, well-drained soil, a partially shaded situation, and a rather cool, moist temperature. It is a handsome blooming plant, and can be bedded out at the east side of the house or wall in early summer, where it will bloom for several months. If the drainage is insufficient or too much water is given, the leaves will drop and the plant will become sickly.

Hydrangea Arborescens.—A subscriber complains that she has had a Hydrangea arborescens for three years but it does not bloom. It is in a rather sunny place, and is a healthy plant. It seems strange that such complaint should be made about this plant, as I have never known it to fail to bloom freely whether grown in sun or shade. I would suggest that a dressing of quick lime be given to the plant, either in autumn or early spring, the tops to be cut back severely so as to encourage new growth, upon which the finest heads of bloom are produced.

Gardenia.-This is known as Cape Jasmine, and is a shrub bearing white, Jasminescented flowers, much prized for cutting. The shrub is popular in the South, where it grows out doors and needs but little attention. At the North, where the ground freezes hard, it is grown as a house plant. It thrives in a compost of half-rotted sods, leaf mould, sand and well-rotted manure, thoroughly mixed. Before potting, some coarse gravel should be placed at the bottom of the pot, then a layer of sphagnum moss, covered by a layer of rather coarse soil, and then fill in with the compost. The plant likes a rather warm, moist atmosphere, and should be shaded from the hot noon-day sun in summer. freely when growing and blooming, but sparingly when the plants are inactive. plants are evergreen and the foliage is handsome, so that they are decorative in the window whether in bloom or not.

CANNAS.

LADY in Kenmore, Ohio, had a bed of large-flowered Cannas last year. In spring she separated the bulbs and planted them, and now the flowers are small and narrow. The variegation may be

due to a mixture of Cannas last year having similar foliage, the small-flowered ones not coming into bloom. Dur- , ing winter the large-flowered clumps may not have kept well, and only the smallflowered clumps came through safely. These are the ones that are blooming this season with small flowers. Such a thing could read-



CANNA ROBUSTA.

ily happen with Canna Robusta and King Humbert, the latter having immense trusses of bright flowers, and the clumps of which have to be well cared for in winter. Canna Robusta is similar in foliage, but the flowers are small, scarlet, and on tall spikes, late in the season. The roots are easily kept over winter. Conditions that would destroy the roots of King Humbert do no injury to Canna Robusta. This is the only explanation that can be given of the change in the flowers mentioned.

Fern Tree.—What is generally known as Fern Tree is Artemisia annua, a fragrant leaved annual, grown from seeds. To have the best plants the seeds should be sown in late autumn or early spring, and either thinned out or set in a rich, sunny bed. When crowded together they do not develop satisfactorily. The plants will grow five feet high under favorable conditions. They are not desirable for flowers, but the sprays of foliage are handsome, and can be used in bouquets.

Potted Petunias.—A potted Petunia should be grown in a compost such as is used for Geraniums, and be given a sunny situation and good drainage. Keep the soil moist but not wet. In a shady place and too freely watered, the plant is liable to lose its foliage and become sickly. In a sunny window a well-grown Petunia will bloom throughout the winter, and it is one of the most easily grown of winter-blooming plants.

Lily of the Valley.—The pips of Lily of the Valley are sold in clumps and separately by the dealers. When sold separately, they can be planted singly, but when sold in clumps, they can be potted or planted together and will make a nice group of bloom when the sprays develop. They like a moist soil and shady situation.

ABOUT PLANTING BULBS.

HE BEST time to plant the hardy bulbs, such as Hyacinths, Tulips, Crocuses and Narcissus, is in the autumn, before the ground becomes frozen. At the South the work may be delayed until early winter.

In preparing the bed, apply a dressing of chip-dirt or well-rotted manure, and if the soil is stiff and loamy, apply also a liberal quantity of sand or woods earth, then dig the soil deep and thoroughly incorporate the materials. The bed should be in a sunny situation and well-drained. If you wish the bulbs to stand uniformly, throw off about three inches of the soil, then smooth the surface and mark rows in which to set the bulbs. Hyacinths, Narcissus and Tulips should stand about five inches apart, alternating the bulbs in the rows, so as to completely fill the space. By this means you can see just how the bulbs stand after you have set them. When they are all placed, put on the soil that was re-



moved, and make it firm by treading or pounding with a piece of board. The bulbs should be three or four inches beneath the surface of the soil. Crocuses should be set two or three inches apart, and as many inches deep. As a rule all bulbs should

THE HARDY SPRING FLOWERS. be covered to the depth of twice their thickness. After covering and firming, the bed will not need further attention until winter sets in, when it should be mulched with stable litter. At the far North, a covering of evergreen brush should be spread over the mulch. In spring, after severe frosts are past, the brush should be removed, and if the litter is coarse and dense it should also be taken away. If fine and rotten, it is well to let it remain, as it will enrich the soil and keep it from becoming hard and dry.

If planted in early autumn, the hardy bulbs will bloom in early spring. If planted in December or later, they will bloom later. An important precaution in late planting is to cover the bed well with litter as soon as the bulbs are planted. This will promote the growth of the roots, and prevent the early starting of the bulbs in spring, at the same time retarding the development of the buds, which is very important. At the far South the bed or potted bulbs should be covered with grass or rubbish well moistened, to keep the soil cool and promote the growth of roots before the tops start. Many in the South fail because of this neglect.

ABOUT CARNATIONS.

HE FINEST and healthiest garden Carnations are grown from seeds which should be started in spring. As soon as the plants are large enough they should be transplanted to a sunny bed of rich, rather tenacious soil and given plenty of water during the dry season. Such plants will bloom in autumn if they are of the Margaret hybrid Carnations, but if they are of the true Dianthus Caryophyllus, the plants will not bloom until the following season. At the North it is well to protect these plants from cold weather by placing a board frame around the bed, and if some leafless brush is thrown over the plants, it will act as a further protection.

If the plants are desired to bloom in the winter, they should be taken up from their bed before frost and potted, giving good drainage and shading slightly until they become somewhat established. In potting, always firm the soil well, so that the plants will quickly recover from the change. It is useless to pot Carnations for the



Carnations for the MARGARET CARNATIONS. house unless you have a sunny window in which to grow them. They will do no good in a window that does not have direct sunlight.

The florists' Carnations should be started in early spring, either from seeds or from cuttings or layering of the branches. Cuttings are usually made from young shoots. They are made at the joint, and inserted in sand until started. The amateur will do better to layer some of the longer branches, cutting the branch partly through with a sloping cut before it is bent into the soil. Every layer will produce a plant if done in this way, and when rooted it can be separated from the parent plant and potted.

Cuttings from Rubber Plants.—
The best time to take cuttings from Rubber Plants is when the new growth is half ripened. A better way to start the plants, however, is to cut a nick in each side of the branch and tie a liberal handful of sphagnum moss around the stem, keeping it continually moist. Roots will shoot out at the nick in the course of two or three months and the rooted cuttings can then be removed and potted.

Seedling Tuberous Begonias.— When the seeds of Tuberous Begonias are sown early in spring, either in boxes in the window or in hot-beds, the plants will bloom in the following autumn under favorable conditions. The seedlings require from five to six months to become blossoming plants.

LEMON TREE.

FLORAL SISTER in Kentucky has a Lemon Tree, three years old, four feet high and it has never bloomed. It is possible that the tree has not been grafted or budded, in which case it would not bloom until it was ten or fifteen years old. It would be advisable to have the plant grafted or budded with scions or buds from a bearing plant. The Lemon, as well as the Orange and other citrus fruits, likes a rather porous soil, and full exposure to the hot sun. In summer it is well to plunge the pot or vessel in a bed to prevent the roots from being affected by sunshine upon the sides of the pot or vessel. Plants grown from cuttings taken from a bearing tree, do not need to be grafted.

When a Lemon shows brown at the tips of the leaves, it indicates that there is too much moisture about the roots and that the soil is becoming sour. To overcome this difficulty stir some quicklime into the surface soil and water more moderately. It is well to allow the soil to almost dry out occasionally. See

that the drainage is perfect.



The Ponderosa Lemon is usually grown for the beauty of its foliage and The lemons fruits. should be allowed to hang upon the tree as long as they will. Of course after the lemon becomes colored, the fruit will not be im-

FRUIT OF PONDEROSA LEMON. proved in quality by remaining upon the tree, but it will increase in size, the added portion being in the form of a thick rind.

Keeping Gladiolus.-When frost comes take up the bulbs of Gladiolus, remove the tops, dry them off, and store in a dry, frost-proof room or cellar where the atmosphere is about 50 degrees. They are easily kept. In the South the bulbs may be left in the ground. In lifting the bulbs it is well to take off the old bulb which may be adhering to the base and discard it. The bulblets may also be kept and planted in the spring at the same time the bulbs are planted.

Calycanthus.—This is sometimes known as Strawberry Shrub, because of the fragrance of its flowers. It is readily grown from seeds which germinate in from two to four weeks, when sown in a bed early in spring. The seeds are as large as apple seeds, and should be covered one-fourth of an inch deep. A young plant will bloom in about three years from seeds.

Remedy for Ants.-Wherever ants are troublesome a good remedy is to mix arsenic with molasses and set where they will have access to it. This is as simple a remedy as can be suggested.

DAHLIAS NOT BLOOMING.

N SOME sections of the country Dahlias are not satisfactory because the plants develop branches and foliage, but the buds that show do not develop, or if they do develop, the flowers are one-sided. In most cases this is due to the soil rather than the climate. In a deep, rich, clayey soil, or in a shaded situation, it is common for the plants to grow in this way. In such cases, it will be found beneficial to apply in the spring a liberal dressing of quick lime. This will make the soil porous, neutralize the acid which is

more or less present in such soils, and promote full development and free blooming. The plants should be bedded out as early in the season as possible, and if several sprouts push up from the root or the plant becomes top-heavy a portion of the branches



should be removed. This will allow air to the plant and to the soil, which should be freely cultivated during the early part of the season. A dressing of bone dust or phosphate will encourage the healthy growth of the plants where any need fertilizing. should be applied about midsummer, when the buds are beginning to develop. sandy, porous soil, fully exposed to the sun, about all that is needed for a successful growth of Dahlias, is some fertilizing and good cultivation. In such soil, well-decayed stable manure may be used. The treatment of Dahlia beds, it will thus be seen, should depend largely upon the character of the soil.

Malva Crispa.-A subscriber from East Milton, Mass., sent a leaf of Malva Crispa, requesting its name. It is an annual



LEAF OF MALVA.

growing from five to eight feet high, with crisp green leaves. all the way up, and axillary clusters of small, inconspicuous bloom. It is readily raised from seeds. It retains its beautiful green foliage until

long after frost. It is used for an ornamental plant where a late display of foliage is desired. The plant is always a curiosity where it is not known.

Keeping Cannas.-Many persons fail to keep their Cannas safely over winter. This is due to keeping them in too dry a place or in a damp unventilated cellar, where they are affected by rot. Perhaps the best way for the amateur is to bed the roots firmly in a box of soil when frost comes, after removing the tops. Place the box in a frost-proof room, or in the furnace cellar, watering occasionally, just enough to keep the roots from withering. They will keep safely in an atmosphere of 50 degrees, if treated in this way.

BEGONIA EVANSIANA.

HIS IS a tuberous-rooted herbaceous, hardy perennial, losing its tops in the fall. When bedded out, the roots remain in the soil and start new growth in the spring, just as does the Pæony and Perennial Phlox. The plants like a rich, porous soil and partial shade and will bloom throughout the summer. A bed on the east side of a house suits the plants. The peculiar character of this plant is, that the plants produce bulblets at the axil of the leaves which drop to the earth in the fall and remain dormant until spring, then start into new growth.

To endure the winter safely at the North, a protected place should be given the plants and when the tops die down, a coating of stable litter and evergreen brush will be found ben-

eficial, the protection being removed in spring. In pots, the plants should be syringed occasionally and care should be taken to prevent the sun from shining against the sides of the Water pots. occasionally and shift into larger pots as the plants grow.

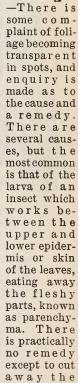
This Begonia is one of the easiest grown of all the Begonias and one of themostfreeblooming, beautiful and satisfactory.

In greenhouses a few plants grown along the walk beneath the benches will always keep up the supply, as the bulblets drop and become new plants when the winter is past. The plants are also readily grown from seeds, which can be sown in spring and treated just as other Begonia seedlings are treated.

Begonia Evansiana is the only Begonia known that will endure the severe winters of the North. It was introduced from Japan in 1812, but is also found in Java and China. It is really one of the most beautiful of summerblooming Begonias and never fails to grow well and bloom freely when bedded out in a partially shaded, moist situation. The hardiness of the Begonia was first called to my attention some years ago by a thrifty group of

plants bedded out upon the north side of the Presbyterian church at Chambersburg, Pa., where the plants lasted for many years, making a fine display each season. In some of the gardens also in the same borough, were groups of this Begonia that were showy and beautiful. In the cases cited, it is possible that some protection was given during the winter—a simple covering of straw and leaves, but upon the Editor's grounds, on the north side of a ledge, several plants of this Begonia have wintered during the past three years without any protection whatever, except what Nature afforded. It seems strange that such a beautiful Begonia in both foliage and flowers, should be adapted to outdoor culture and so hardy as to endure the rigor of our northern winters.

Transparent Spots on Foliage.





diseased and affected parts, at the same time destroying the larva. Another common cause is due to blight or fungus, which spreads by When this disease is noticed the leaves should be immediately cut and burned, as it will spread very rapidly and soon affect other plants. A remedy for this disease is lime and sulphur, sprayed upon the foliage, and also stirred into the surface soil about the roots. Some persons recommend mixing lime and sulphur and dusting upon the foliage. A more effective method, however, is to boil the materials together and apply them as a liquid. The lime and sulphur should be used in equal parts, and a tablespoonful may be used to an eight inch pot. The Bordeaux Mixture is also recommended for blight and fungus diseases.



EAR FLORAL FRIENDS:—How bright and beautiful is Nature this lovely September morning! The trees are still wearing their rich green garb, the flowers are blooming in all their attractive colors



in the beds and borders, and the lawn is as green and velvety as ever. But we hear thenever-ceasing, monotonous song of the cricket, and from the forest trees surrounding the lake near-by comes the shrill call of the Blue Jay, reminding us that the days of summer are numbered, and very soon the sweets of summer will give way to the call of King Frost, and the skeleton trees and chilling winds will greet us as we take our morning walk. But

let us pass through the Perennial Garden before the change. Here at our right are long rows of Lilies in full bloom. L. lancifolium album, with its exquisite white flowers, and L. lancifolium rubrum, with rich rosy, dark-spotted flowers, make a most pleasing display, and while they are sweet-scented, their fragrance is not so pronounced as that of the Lilium auratum near by, nor are the flowers so large and handsome. But the easy culture and freedom of bloom of these Lilies fully compensates for the dif-Once planted you ference. can depend upon the Lancifolium Lilies, and the plants will become stronger with age, a statement which cannot be made of Lilium auratum.

Further on, to our left, we pass a native plant of Lactuca spicata, which came up by the walk, and was allowed to remain. How tall and stately



LACTUCA.

it is, its height being thirteen feet, and the stalk clothed with pretty green foliage from the ground up to the erect, branching head. I have watched and admired this plant all summer. It started from a stray seed last autumn, and when spring came the plant began to develop, growing taller and more attractive, withstanding wind and storm until it stands today straight as an arrow, and towering above all the other garden subjects.

Just across the path you will notice with admiration the spikes of showy blue flowers, the plants branching and reaching the height



PANSY PLANT.

of two and a half feet. That is a group of the native bog flower Lobelia Syphilitica. If not allowed to form seeds

this plant will bloom throughout the autumn. The flowers are of various colors, from violet to rich blue. It is a worthy neglected flower that would doubtless greatly improve under the skill of an enterprising florist. It is readily grown from seeds.

Beyond these flowers are several beds of Pansies that are beginning to make a fine show. Pansies delight in the cool autumn weather, and these plants will increase in beauty as the season advances until the snows of winter

cover them. I have often dug out elegant big Pansy flowers from the snow during midwinter. These plants were grown from seeds sown in July. They will be more beautiful than ever in the spring. If only the flower growers knew how early, and abundant and beautiful are the Pansy flowers in fall and spring from plants started in July or early August, hardly a lover of Pansies would neglect to start a lot of plants at that time.

These showy spikes of blue are of Hybrid Delphinium. After the sum-

in bloom.

phinium. After the sum- PERENNIAL PEA. mer blooms faded the plants were cut back, and these big branches appeared and are now

Near the center of the garden you will notice a big clump of green seven feet high, richly decorated with showy big white and carmine flowers, and elegant clusters of scarlet balls about the size of large marbles. That is a group of the Japanese Rose, Rosa Rugosa. Some years ago there were mixed seeds of this Rose sown there, and some of the plants were never transplanted, so we have this big garden decoration as the result.

West of this group, near the old Apple tree is a mass of foliage and bloom that has been



showy and handsome throughout the season. It is simply some vines of the Perennial Pea bearing white, rose and red flowers in huge clusters. Once started these vines are fixtures. You can hardly kill them by neglect, and the attractive flowers are produced continuously from spring till winter. They like a sunny place, and will bloom more abundantly in a rather poor soil than in a rich one. They will cover a brush-pile or stump or fence, and thus transform an unsightly object into a thing of beauty. The vines also do well on a trellis, and the flowers are exquisite for a vase or bowl in the house.

And now east your eye up to the Apple tree



GOURDS ON A TREE.

above. What a display of foliage and fruit. Oh, no, these immense round, semi-tropical leaves and flowers are not the leaves and flowers of the tree, nor are the great club-like whitish fruits from three to four feet long that hang and swing or are curled up among the branches, apples. In the spring the gar-

dener set some plants of Hercules Gourd at the base of the tree and helped them to reach the branches, and now the whole tree is enveloped in the vine and foliage, and dozens of the big clubs are swinging in the breeze.

As we return just make a note of the fine Dahlias that border the path. How luxuriantly they have grown, and how large and glorious are the flowers! Over in the other garden the long rows of yellow, red and purple Dahlias are glorious. Never before have Dahlias bloomed so well in our gardens. I think their free-blooming and richness are largely due to a liberal application of lime to the soil. sands of buds appeared, and every bud developed into an immense perfect flower. When Dahlias do well they are truly magnificent flowers. Too often the plants develop only stems and foliage, and the buds blight or only half develop. As we look over the glowing mass of swaying bloom we cannot suppress a sigh of regret that the Frost King will so soon sway his sceptre and blacken both foliage and flowers and destroy their beauty, "But such is life." Florally yours, 912. The Editor. LaPark, Pa., Sept. 28, 1912.

Hardy Hibiscus.—The hardy herbaceous Hibiscus, often called Crimson Eye, will endure the most severe winters, and the plants should be allowed to remain in the bed till spring, then transplanted early, before the buds push out. Set them 18 inches apart, and as deep as they stood in the seed-bed. They are naturally a bog plant, and delight in a deep, rich moist soil. They are easily grown from seeds.

REX BEGONIA.

EX BEGONIAS are liable to be attacked by a fungus or blight when the soil is heavy and tenacious and insufficiently drained. The secret for growing these Begonias is to have a light, rather spongy soil and good drainage. Scrapings of the garden walks gathered together during the summer and thrown into a rubbish pile, makes the best compost for Rex Begonias, the material being used before it becomes completely rotted. A plant that has been attacked by a fun-



REX BEGONIA.

gus shows the disease by brown spots or a brown margin, the leaves gradually turning brown and dry and thus dying. It is well to cut away the diseased parts or leaves as soon as they appear, and stir some lime and sulphur into the surface soil, or repot the plant in soil suitable to its growth. A cool, moist atmosphere, with shade in the summer, is necessary. In winter the plants should be watered rather sparingly.

A Potted Tea Rose.—When a Tea Rose is growing in a pot at the North, do not bed it out in the fall as it will not then endure the winter. If bedded out in the spring and given some protection, it will endure the winter. Allow the plant to stay in the pot and keep in a frost-proof room in the house, watering it sparingly during winter. It will then be ready to bloom in the spring, and can be repotted or bedded out, as desired, when the weather becomes favorable. A Rose for winter-blooming should be potted during the summer and shifted into a larger pot as it grows, having the tops pinched out occasionally to make it of bushy form. As a rule the shifted plant will turn its attention to the growth of roots, and will not bloom until the roots have developed. Then another shift should be made to encourage new growth of roots. By this means the plant can be developed into a healthy bushy form, and a free growth of buds and flowers will result. A plant that has exhausted itself blooming during the summer had better be given a rest, as suggested, until spring.

Iris.—The various species and varieties of Iris sold by florists are generally hardy, and will endure the most severe winters at the North. Let them remain in the ground. Do not attempt to winter them in a warm room or cellar, as you may lose the plants.

CHILDREN'S LETTER

Y DEAR CHILDREN:—Come with me to the little lake by the rocky precipice near my home this lovely September morning. The sun, just peeping over the eastern hills, is lighting up the landscape and glorifying the scarlet-tinged foliage of the Sumac and Woodbine, and stray golden leaves from the big Cherry tree are losing their hold and silently fluttering to the ground. Over by the picket fence the glowing mass of orange-colored flowers almost dazzles the eye, and many of you will be surprised when I tell



you that they are simply flowers of the common Artichoke, a hardy native perennial of the Sunflower family known in botany as Helianthus tuberosa. But does not the mention of "Artichoke" bring up happy memories,

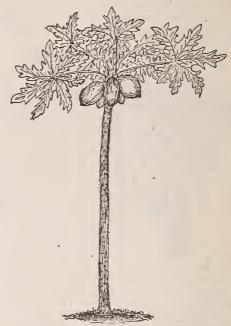
—spring days when with your playmates you eagerly dug the tubers of the Artichoke and ate them with the same relish you did the green apples of early summer, nothwithstanding they tasted like a raw potato, something your mother could hardly have induced you to taste, much less eat with enjoyment.



WAXY, WHITE FLOWERS OF THE PAWPAW.

But here we are at the ledge, and as we pass down the path we are greeted by a delicious odor not unlike that of the Tuberose-bloom. What is it? Whence does it come? We look upward, and there, blooming in profusion over our heads is a plant of the Florida Pawpaw, some waxy, white flowers full-open, and hundreds of buds in various stages of development, as shown in the engraving. How beautiful they are, and how attractive the elegant tropical-like, silver-green leaves which are held on horizontal stems above. This plant has not fruited, but in Florida the Pawpaws are abundantly produced along the stem or

near to the leaves, as indicated in the engraving below, and appear like rather large, oblong muskmelons. When ripe they are dark green with golden flakes, not unlike some squashes you have probably seen, and when cut they resemble a salmon-fleshed melon in appearance and taste. You simply scrape out the seeds, put on some sugar, salt and pepper, and spoon out the rich pulp. It is one of



THE FLORIDA PAWPAW.

the most wholesome of fruits, and is greatly relished by those who are fond of muskmelons. The plant is really a Tree Muskmelon. It is easily raised from seeds, and bears the second year after the seedlings are started.

Near the Pawpaw I want you to notice the big clumps of native blue Asters. The plants are grouped together, are five feet high, and a mass of bloom. They are native plants that were transferred to the garden. They seem to have improved under the gardener's hand, and are doing their best to make the place bright as winter approaches. Almost beneath them is a clump of Lamium maculatum, a creeping plant with lovely white-ribbed foliage forming a showy carpet. The rose-col-

ored flowers come in the spring and late autumn and are greatly admired.

Splash! splash! and two fat green frogs are seen in the clear water diving to the bottom. They were sitting upon the path, and now from the bottom of the lakelet



bottom of the lakelet NATIVE BLUE BSTERS. they are peering up at us, their big, round eyes looking like black beads set in a cushion of green. How pretty and interesting they are!

But I want to call your special attention to the elegant, glossy-green plants that are floating like little boats upon the surface of the water. They are the so-called Water Hyacinths, Pontederia Crassipes, which grow so freely in the rivers of Florida that they often impede navigation. A few little plants were

received from Florida in the spring, and after a wisp of sphagnum moss was wrapped about the roots of each plant, they were consigned to the water. The plants have in-

LAMIUM MACULATUM. creased until there are hundreds, and all are growing thriftily. The place is too shady to encourage blooming, but the foliage is so smooth and green and glossy that the plants are very handsome without flowers. In a sunny lake they would have borne numerous erect racemes of delicate and showy Orchidlike flowers. How odd are the leaves! Each one has a balloon-like stem filled with air. which acts as a life-boat, always bearing the plant upon the surface. You cannot sink it. And then the broad, recurved, rich-colored leaves—how graceful and beautiful they are! Surely no aquarium, even of moderate size, is complete without one or more specimens of Water Hyacinth. A plant from the lakelet,



PLANT OF WATER HYACINTH.

placed in a little earthen jar adorns the window sill before me as I write, and I know you would all admire it. The plants increase by sending out runners, just like the Strawberry, young plants appearing a few inches away from the parent. Thus every plant becomes a cluster, and in time the entire surface of a pond or lake or river becomes a green mass of the pretty foliage. In Florida, those who live near the river or lake where they grow, often gather the plants and feed them to their chickens in the winter season, when green food is scarce. They are thus turned to economical use. In growing in an artificial way, soft water should be used, and the water should be changed occasionally or refreshed. In

the lakelet where I have them there is a little stream of water from the mill-race pouring in continually, which is used up by evaporation.

This lakelet has growing in it also Water Lilies, Cat-tails, Calamus, Water Plantain, Wild Rice and Symplocarpus. The tops of the Wild Rice were entirely destroyed in midsummer by water rats, and the Lilies and Plantain were much injured; but the foliage of the Water Hyacinths was left unharmed.

Some cats that had been carelessly turned out of their homes at night, visited the place in the darkness during the summer, but I never knew them to kill a rat, though I have evidence of their work in the feathers of song birds, that appeared scattered about in the mornings, and in the disappearance of



disappearance of WATER HYACINTH BLOOM. some of the frogs that found their home there.

As we pass over the little stone bridge that spans an arm of the lakelet, and then out by the shady, flower-lined pathway beyond, we listen, and above us, among the gently sway-

ing tree-tops, are some dear little Song Sparrows that have cheered and made happier the summer days, now singing their farewell songs ere they leave us. How plaintive and sad they are. They are not the joyous, happy songs of . summer-time. Even the wind seems to moan a dirge to the departing summer while it rustles through the autumn foliage. We look regretfully back as we pass away, knowing that 'ere long Jack Frost will come with his icy touch to blacken the Pawpaw and Water Hyacinths and Lilies, and to transform the surface of the water into a mass of cold hard ice, while all

about will be dry, rustling leaves mingled with snowflakes tossed hither and thither by stern winter's chilling and saddening winds.

Sincerely your friend, LaPark, Pa., Sept. 18, 1912. The Editor.

Lavender.—Lavender plants are mostly raised from seeds which germinate in from ten days to two weeks. The soil should be well firmed after sowing and then moistened thoroughly, after which water moderately till the plants appear. Do not let the soil dry out. It is well to make two or three sowings of Lavender, as the seeds sometimes fail to come up, and no cause for the failure can be determined.

POETRY AND PROSE.

A Bluebird sat on a wayside rail, And sweetly sang as he preened his tail; He sang of his mate by the trees, Of the little Bluebirds lulled to sleep by the breeze.

He sang of the sunshine, of the honey in the flowers, Of the Fern-lined nooks in the woodland bowers. But to get something to eat, it soon was his turn, So his pretty new song he had to adjourn.

Franklin Co., Mass., June 12,1912. Lydia Wight.

FARM LIFE.

GRICULTURE is the greatest among arts, for it is first in supplying our necessities. It favors and strengthens population, it creates and maintains manufactures, gives employment to navigation and materials to commerce. It is also the strongest bond of well-regulated society, the surest basis of internal peace, the natural associate of good morals. Of all occupations, that of agriculture is best calculated to induce love of country, and rivet it firmly on the heart. No profession is more honorable, none as conducive to health, peace, tranquility and happiness. More independent than any other calling, it is calculated to produce an innate love of liberty. We ought to count among the benefits of agriculture the charm which the practice of it communicates to a country life. That charm which has made the country in our own view the retreat of the hero, the asylum of the sage, and the temple of the historic muse. The strong desire, the longing



"BE IT EVER SO HUMBLE, THERE'S NO PLACE LIKE HOME."

after the country with which we find the bulk of mankind to be penetrated, points to it as the chosen abode of sublunary bliss. Health, the first and best of all the blessings of life, is preserved and fortified by the practice of agriculture. A proper amount of labor, well spiced with sunny sports, is almost absolutely necessary to the formation of a firm, hardy physical constitution, and a cheerful and happy mind.

We have long observed, and with unfeigned regret, the growing tendency of young men and lads, yet early in their teens, to abandon the healthful and ennobling cares of the farm for the dangerous excitements and vicissitudes of city life and trade. Delightful firesides and friendly circles in the quiet rural districts are every day sacrificed to this lamentable mania of the times. Parents throughout the country have not failed to realize this startling truth, and to sorely mourn the strange inclination of

their sons to encounter the fascinating snares and pitfalls of city residence and fashion. We deplore the disposition of young men to get away from their country homes to our large cities, where they are subject to difficulties and temptations, which but too often they fail to overcome. It is one of the greatest and most useful studies of life to learn how to make a home such a home as men, and women and children should dwell in. There should be domestic amusements, fireside pleasures, quiet and simple it may be, but such as shall make home happy, and not leave it that irksome place which will oblige the youthful spirit to look elsewhere for joy. Let us train a few Roses on the humble wall, and their scent and beauty will be long remembered; and many a lad, instead of going to a spree, will turn to his old bed, and return to his work again, instead of becoming battered, weakened and perhaps disgraced. Fathers, mothers, remember this, and if you would not have your children lost to you in after life; if you would have your married daughters not forget their old home in the new one; if you would have your sons lend a hand to keep you in the old Rose-covered cottage, make home happy to them when they are young. Send them out into the world in the full belief that there is "no place like home," be it ever so humble; and even if the old home should, in the course of time, be pulled down, or be lost to your children, it will still live in their Mrs. Will Peters. memories.

Defiance, O., July 22, 1912.

[Note.—If farming was a more profitable industry the boys would not leave the farm. No farmer in the East can profitably manage his farm as a manufacturer manages his business. He would lose money every year. As a fact the farmer and his whole family toil from day break, often before day break, till dark, and often till bed-time, at the same time saving every penny, in order to sacure a meager "profit." It is no wonder the boys leave the farm with such a life before them. This year the farmers here got 92 cents a bushel for their wheat, a price that was obtained ten years ago. But when the 92 cents are taken to the store it is expended for goods nearly doubled in price because expended for goods nearly doubled in price because of tariff and trusts. The farmers are being robbed of the profits of their industry. It is high time that just laws should be framed to insure the farmer his dues. If this is not done soon the high cost of living will be more serious than it is today. Ed.1 will be more serious than it is today.-Ed.]

Saving Trees from Blight.must tell you of a good thing to use in case of trees dying at the top. When I was a boy we had a large Oxheart Cherry tree that my father and uncle saved by boring into the heart of the tree and filling the hole with sulphur, then plugging. I saved a large Maple for a neighbor in the same way. They would have died but for the sulphur.

Geneva, Ohio. Chas. H. Webster.

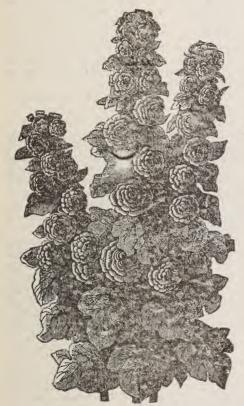
Pepper Tree.—Fine little trees may be easily raised from seeds of the California Pepper Tree, Schinus Molle. They make beautiful foliage plants, but they are tender and must be wintered where the frost cannot reach them.

Mrs. Edith L. Earley.

Butler Co., Ohio.

HOLLYHOCKS.

ACH YEAR I am becoming more of an enthusiast on Hollyhocks. They have so many endearing qualities. Perennials of all kinds are my especial hobby. I should never dream of limiting myself to one, or even three or four; but while all are good, some are especially so. There are three qualities which a perennial should have. First, beauty; second, ease of culture; third, long period of bloom. All of these the Hollyhock possesses. Their size and bold flaunting beauty and range of color will attract attention at any time, especially if they are planted in masses in corners, or in the background



HOLLYHOCKS.

against the house or barn. Every shade and color of its kind is represented from pure white through yellow and cream, from palest pink to deepest crimson, and I once had some so dark purple they were black. I prefer the double with one exception. The new Allegheny, with frilled ruffled edges are beautiful. They bloom longer than any other, grow twice as large, and bloom the first year from seeds. The seeds are not costly to buy, and easily obtained from one's own plants, and sure to germinate. If given a chance they will grow in any decent soil. The plants are from the very first strong and sturdy. It is a pleasure to transplant them and see them grow. If the situation does not please you, you can readily move them any time before they are budded, if done carefully. Last year I put a row down through the garden to grow for another year. This spring I transplanted them to a new place. They were taken up early to plow the ground, and laid in the flower garden until I was ready. It was nearly two weeks before I was ready to set them out, and they looked as green as when I took them up, although it had been quite dry. The last of June I found one that had been overlooked, and it was still alive. I set it out, giving it a pail of water then, and no further attention. It was later, but otherwise as good as the rest of them. Mine have been in bloom now, Aug. 20, for two months, and yesterday, when I cut down the old tops, there were still buds, but the new growth has started, so I think it best for the plants to cut them down. We are having lots of rain, and it would not surprise me if they blossomed Mrs. E. B. Munny. again.

Ballston Lake, N. Y., Aug. 20, 1912.

Note.—A single-flowered Hollyhock sprang up during the summer in an isolated place near my home, and is now laden with white bloom. It branched out in tree form, and every side branch is a wreath of bloom, as well as the tall, central stalk. It is admired by everyone. This emphasizes the fact that the Hollyhock will bloom well at any season of the year, according to the time the plants are started.—Ed.. Sept. 20, 1912.

Experience with Ferns.-Some of the flower-folks may like to hear about my jar of Ferns. It is surely a pleasing thing to see in combination. When the spotted Lilies were swinging their golden bells in April, I took up a little root of Meadow Rue. Soon I noticed a little Fern growing from the same earth, and in June I took up a root of Royal Fern and set it in the same bowl. All grew slowly together, the Royal Fern sending up exceedingly delicate little fronds, some like what we call the leaves of the Climbing Fern. in color and in texture. A cluster of roots of the Royal Fern is a pretty thing for a jardiniere and will grow in it for several weeks or Elizabeth H. Grover. months.

West Newberry, Mass., Sept. 11, 1912.

Success with Easter Lily.—I wish to tell you that I have the Bermuda Easter Lily to bloom twice in the same summer. I get them potted and in full bloom for Easter. Then after they are well faded, I withhold water entirely, lay the pots out-doors on the side for several weeks, then plant them in the open ground, and in September they come into bloom again as perfectly as when bought at the greenhouse. I have had this success with them for four years.

T. D.

Kersey, Pa., Aug. 14, 1912.

A Fertilizer.—For pot plants I use good garden soil and put a liberal amount of cow manure well down in the earth. I find it less work than using it in liquid form, and my plants look fine.

Mrs. S. Rider.

Otsego Co., N. Y., Sept. 12, 1912.

DAHLIAS.

fascinating than Dahlias, it is more Dahlias. Every fall I go Dahlia crazy, and decide I must yet have more varieties. One year at Fay Villa I had a very famous collection of a great many varieties. A millionaire's wife admired them so much, and offered such a munificent sum for their tubers that I parted with them. A man came and dug up the whole great garden of them, and transplanted them to the Italian villa. I have never since acquired as many varieties, but constantly hope to do so. I never knew why I did not stipulate I was to retain one "eye" of each variety of that famous garden of mine, but I did not.

In California the tubers remain in the ground the year around, and I do not divide them only once in three or four years. They start into growth early and are blooming by April, and until July 1st are a blaze of color. Then they begin to look ragged, so I cut them entirely back, fertilize heavy with sifted man-



ure, have Hasabe cultivate it in deeply, then irrigate, and continue to give plenty of water. They grow famously and come into bloom by September 1st, and are gorgeous until late in December. I, of course, keep the dead blossoms snipped off, and I do a good deal of pruning and training and staking. They are cut off again in December, fertilized and cultivated, and left to the winter rains. They begin to grow in February. This year I have had seven very handsome Cactus Dahlias in one corner, and I shall have more new ones next year. They do not keep well when cut, but they are fine in the open.

One border I have is very effective. It is about one hundred feet along the curb of the drive. Next the curb is a dwarf scarlet Geranium hedge. The flowers are single and very brilliant. Next is a hedge of Cannas the same shade. They grow only about three feet high. Back of them is a hedge of scarlet Dahlias, of the decorative type. The back of each flower is a sifted yellow, making the whole very striking. I'd give a good deal to know the name

of that Dahlia. Opposite this row about one hundred feet is another hundred foot border; first very choice Geraniums, then the hedge of yellow Cannas-Austria. Back of them a hedge of a velvety crimson, semi-double Dahlia, with lots of yellow stamens for center. It is very handsome, and as far as I am concerned, without a name. Another fine combination is Earl of Pembroke, a purple decorative, and Clifford D. Bruton, a yellow decorative. Both grow to immense height and have huge flowers and stalks. But the king of the garden is Souvenir Gustav Doazon, a simply gorgeous scarlet decorative of enormous size. It is not coarse at all either. I have a white and a yellow pompon, but do not fancy them, and I have one corner in Shows, in the pinks, purples, whites, and yellows. I have not yet attained the Show varieties nor the Fancy varieties I once had, but at the rate I am studying catalogues, I think another year will see me re-established, and this time will the millionairess please stay away!

Georgina S. Townsend.

Azusa, Cal., Sept. 4, 1912.

My Rose Garden.—Before leaving my Maine home I regarded the culture of choice everblooming and Tea Roses as almost too difficult for the amateur. But since my experience with Roses in the South, I find that no flower is more easily and successfully grown. Of fifty new Roses purchased this spring, only one has died, and that one was worthless when it was received.

During the latter part of February I planted about 150 Rose cuttings in the open ground. Some were covered with glass jars, but the larger part were left uncovered, and received no especial care. Nearly all rooted, and now are sturdy little bushes, constantly in bloom, and it really seems that my dreams of a Rose garden may at last come true.

Ida Phillips Browne.

Pike Co., Ark., June 15, 1912.

Evening Stock.—Among the flowers we had this summer was a plant of the modest but charming little flower known as Evening Stock, Matthiola bicornis. The sprays combine most beautifully in evening bouquets of rich, dark, double flowers, such as Dahlias, Zinnias, Coxcomb, and the Pæony-flowered Poppies. It makes a spangle of little, pale stars all over the bouquet, while lending a delightful fragrance to it. Vina H. Tarr.

Camden Co., N. J., Aug. 21, 1912.

Rain Water.—It seems to me one of the very important things to do, but often neglected, is watering with rain-water. It has been my experience that plants watered with hard water just will not grow. Mr. Editor, do not forget to mention this in your Magazine, as it may help some woman in her efforts to have flowers.

B. McAfee.

Chickasaw Co., Okla., Aug. 12, 1912.

THE KUDZU VINE.

THE BEST ANNUALS.

WISH TO TAKE back every disparaging word I have ever uttered or penned about the Kudzu Vine. Ours is simply marvelous this year. It has climbed to the top of a dead Oak tree, much higher than the (story and a half) house, and grown and stretched itself until the tips of the vines sweep the ground, giving a beautiful weeping effect to the tree, which its dense overlapping foliage,

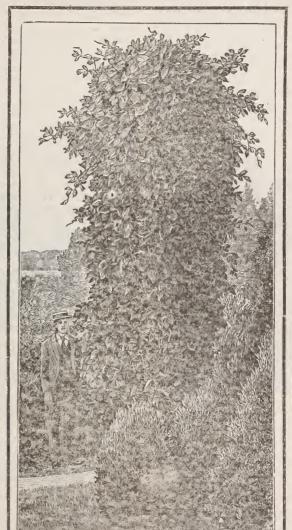
so clean and free from insects, completely conceals.

People gazed at it in admiration and wonder; then when the lovely racemes of rosy magenta flowers, each with its spot of gold, appeared at the axil of every leaf, it was grand indeed.

No, sir, the floral catalogues don't exaggerate a bit in their description of the Kudzu, for a well established plant is indeed a wonder.

The vines are so tough that it is impossible to break them, and when they become woody they are almost pure fibre, like a rope when untwisted. I have used a vine, cut off last spring.for a clothesline this summer, and the children use vines for skippingropes. It grows easily from seeds, but is not quite hardy here, as the vines often get winter killed to the root, if the weather is severe. However, it grows so fast that this is not a serious objection.

Miss L. M. S. Arkansas.



KUDZU VINE.

Over-watering.—I wish to tell the flower folks not to over-water newly set plants and slips. I have learned the ills of overwatering by bitter experience, and I wish to warn others against it.

Mrs. S. Rider. Otsego Co., N. Y., Sept. 12, 1912.

HEN one speaks of annuals, the uninitiated think at once of flowers that are stiff and clumsy, or floppy and wilty, because they do not know that many of the very best and finest flowers are annuals: that is, they grow from spring-sown seeds and complete their growth in one summer season.

For the hurry garden that must not cost

much, these quickgrowing blossoms are the very best; and the garden need not be a common looking one, by any means.

I have grown flowers for a long time, and I believe the bed of annuals really gives more flowers and more pleasure than any other. Therefore, while one is waiting for other things to grow, the plants from seeds must not be despised.

To my way of thinking the best annuals are: Vinca, or upright Periwinkle, Snapdragons, Verbenas, Mignonette, Sweet Alyssum, and Pansies. These are all as delicately beautiful as hothouse flowers, fine in texture, fragrant, excellent for cutting, lovely in pots or in beds, and the seeds cost only a few cents. They are in bloom from spring till fall, require only ordinary care, and are all that flowers need to be.

For masses of brilliant color Dahlias from seeds, Zinnias, Petunias, Portulacas, Dwarf Sunflowers, California

Poppies, and the new Marigolds are the best. They are not fine in the way that more delicate blossoms are, but they give you what you want in the way of dazzling color, and some of them are excellent for cutting when bold, bright flowers are wanted.

Iredell Co., N. C.

E. F. W.

PERENNIAL PHLOX.

HAVE GROWN these plants for years, but never knew until this year what magnificent things they were under favorable circumstances. When I came here, in the old flower garden planted forty years ago by my father, there were two varieties—a tall purple and a white. Then, in a collection of mixed plants, I obtained a tall bright pink, and a dwarf cerise, very large-flowered. I was so pleased with these new ones that two years ago I sent for a half doxen mixed. One or two flower stalks bloomed but did not look very striking, as my flower garden, on a side hill, was getting very crowded and over-run, and I did not try to do much cultivating among the perennials. But this spring I laid out a new border, or rather two borders, one on each side of a garden walk fifty feet long, at the foot of this hill or gentle slope. Into this I transplanted a number of Phlox plants, taking up my choicest colors and small plants.

I would have taken up a great many more, but it was very late in Maybefore I could set themout, and was very dry and I feared none of them would bloom. Well, they grew to great big bunches. in spite of the drouth. Two weeks ago we had a long soaking rain. I had kept the ground

free from



PERENNIAL PHLOX.

weeds and thoroughly stirred and cultivated. They are now in full bloom, and oh, how beautiful! I can see them from the house, for they make a grand show. But when I go down to see them closely, every day standentranced before their beauty. Each clump has seven to twelve flower stalks, with panicles of bloom as large as a quart bowl, branching out down half the length of the stem, the individual flowers as large as a silver quarter, and oh! their colors—white with a crimson eye, perfectly exquisite; a clear shining pink; a lavender pink flaked and spotted with white; and a flaming scarlet-pink, a shade impossible to describe. They look as though they would bloom until frost. I shall set a row at intervals the whole length of each border, and send for a dozen new ones next spring. A friend of mine told me she had seventeen varieties, and I could have them, so I think that in time I shall have a collection to be proud of.

Perennial Phloxes are like Hollyhocks—no

good as cut flowers. It is a great waste to cut them, but for decoration in the garden they: are certainly unequaled. But do not make the mistake I did, and think that because they will stand neglect, that it is to your interest to neglect them. Give them the same amount of care and culture you do your annuals, and see how they will repay you. Plant them lavishly and do not rest until you have a variety of colors. Weed out the poor ones. I have a corner at the foot of the garden where nothing grows but grass. I am going to take up all the old purple small ones and throw them down there. If they want to live they can do so; but I shall give the choice ones reful treatment. Mrs. E. B. Munny. Ballston Lake, N. Y., Aug. 20, 1912. careful treatment.

ABOUT COCOANUT PALM.

R. EDITOR:—I lately met with an article on the attempts to introduce the Cocoanut Palm in the interior valleys of Southern California, Arizona and Texas, which had some points which I thought might interest you. The growing of Cocoanuts, it seems, is coming to the front as an industrial business, not only in places such as the Philippines, Hawaii, and Porto Rico, but in Florida, where one planter sold his crop recently for \$15,000. The great seed or nut. it appears, has not even to be planted in the ground to start a tree. If hung up in the house, the nut will often germinate and produce a plant two feet high. Its first roots are sent out into the fibrous husk, which holds much moisture, and the matter of obtaining a permanent hold in the soil may afterwards be attended to. Henry Gillman.

Detroit, Mich., Aug. 17, 1912.

Note.—The following interesting information upon the Cocoanut Palm I find in Louden's Encyclopedia of Gardening, an authoritative book issued in 1835, printed in London: "The Cocoanut tree is Cocos nucifera, an East Indian nut-bearing Palm, but cultivIted in most places within the tropics. The trees grow to a great height, with leaves thirteen or fourteen feet long; the flowers come out round the top of the trunk of the tree in large clusters enclosed in a snatha or sheath, and the puts ters, enclosed in a spatha or sheath, and the nuts succeed them, commonly ten or twelve together.

Their form and use is familiar.

"The nuts are planted where they are to remain, as the tree will not bear transplanting, unless when very young. In a moist heat they will push in six weeks or two months. To cultivate for fruit, plant in the center of the area of a honse, twenty-five feet wide, and either lofty or with a moveable roof, which will submit of being raised as the tree advances in height. In this way, with a strong heat, there can be no doubt this would produce fruit in England: but even if it did, or did not for a great many years, the magnificance of the appearance, under such a mode of treatment, would compensate a curious horticulturist for the labor and expense. Though the cocoanuts to be obtained in the shops are supposed to be gathered before being ripe, yet they have been found to grow with no other care than planting in a large pot or box of rich earth, and plunging in a bark-bed. It may be observed here that this is almost the only Palm that could be cultivated in this country for perfecting its fruit; for, the others being diaceous plants, unless a great many were grown together, there would be no legitimate means of impregnating the female blossoms."



DREAM OF A ROSEBUD.

If I were a famous poet,
With thousands of glorious themes,
All other things I would cast aside,
And lilt a song of dreams; A song of dreams wherein doth dwell My soul's et rnal rest; A dream of woman so young and fair, With heavenly beauty blest.

Thou art fair, my love, and like the Rose
That blossoms in the dew,
Add to the glory of the world,
But not in days so few;
The Rose so soon will fade and wither,
All beauty will then depart;
But thee, dear one, shall live forever,
In some true and faithful heart.



A Rose thou art midst human flowers, A Rose thou art midst numan nowers,
One of rare and precious choice;
Like the lisp of silver waters
Is the murmur of thy voice;
Thy cheeks are pink as Roses in June,
Your eyes hold a tint of blue,
And the gold-tinted locks in rebellious array Are very becoming to you.

Why, my dear, do the stars stop shining,
Why are my pleasures so few?
'Tis because I'm away and lonely,
And my heart is calling for you;
Calling for you from morn until night,
A dream of a love that is true,
Of a love that will last forever
In symphine and in dew In sunshine and in dew.

When the shadows creep down o'er the valley,
Bringing to its close the day,
Then comes my hour of dreaming
Of her from whom I'm away;
And tho' I dream it is all very true
That no fairer has ever been seen.
Thou art the Rosebud of my heart,
My Geraldine.

C D. Rowton. Phenix, Mo., Sept. 13, 1912.

AN OCTOBER DAY.

Softly, softly the leaves Come drifting down, Bright their colors gleaming In shades of red and brown. Geauga Co., O.

Ima.

LOOKING BACKWARDS.

Just over the stile, and around the hill, The pathway leads down past the old gray mill, Hatless and shoeless we scamper away To gather the nuts that are talling today.

Squirrels are busy, and so too are we— Sweet little Bessie, who goes out with me— For chestnuts go hiding wherever they fall, Chipmunks and squirrels must not have them all.

And Bess, little miser, is rather self-willed, She thinks her big pocket has first to be filled; And then she's so tired what else can she do But sit on the hillside till Bennie gets through?

That chestnuts were plenty, there is not a doubt, As all our long pockets were just bulging out With the pretty brown nuts we so glecfully found, Scattered promiscuously over the ground.

And now, little Bessie, I think we must go, Or mother will wonder what's keeping us so; And I am so hungry I hardly can wait For mama's good dinner to lie on my plate. Clinton, Iowa. Norman C. Moffett.

Clinton, Iowa. Norman C. Moffett.

The following note accompanied the above poem:
Dear Mr. Editor; In looking over the pages of the
Floral Magazine from month to month I have been
pleased and edified on reading some of the excellent
contributions to the poetical corner. Enclosed herewith are a few verses reverting back to my early life—
nearly 80 years ago—which you may use if you think
best. Let me also add, that in a life of 83 years, this is
the first year that I have ever given special attention to
the cultivation of flowers, and by the aid of the instructions given in the Magazine, and good seed, I think I
have done exceedingly well, as notwithstanding our cold
season and the lack of sunchine, n y beds are giving us
flowers in abundance. As long as life and strength are
spared me I shall continue the Magazine, and find pleasure in the culture of flowers.

August 3, 1912.

Norman C. Moffett. August 3, 1912. Norman C. Moffett.

HEART'S-EASE.

One kindly thought! like a lonely star that gleams 'Mong lowering clouds, when dark'ning falls the night;

It soothes the weary heart to restful dreams, And guides the groping soul unto the light.

One sunny smile! and, as a sweet bird's song Wakes answering joy within the heart to sing, To glorious life an impulse, noble, strong, Leaps up afresl,, which long lay withering.

One gentle word! and Hope springs up once more, The thorny way grows soft unto our feet; We tend again the Rose beside the door, And thank the Giver for its perfume sweet.

One hand clasp warm! and tears, like healing balm, Relieve the aching heart surcharged with grief; The shoals are past, and in the waters calm Sweet Faith restored shames withering Unbelief.

One noble deed! and lo! we find again
The path from which our faltering feet have strayed;

We stand once more among the world of men, Then hail, sweet Life! we greet thee unafraid. Blanche A. Wheatley. Bolivar. W. Va

THE ASTER.

An odor of burnt sunshine in the air, Incense distilled through many a lingering day, Ere August did her perfumed tribute bear, On summer's flaming altar to display.

Through long, dim areades filled with languid heat, Until the moon, paling in dawn's first hour, Beheld the mists and dews at morning meet, She bore in triumph to the sun her flower. Mt. Ephraim, N. J., Aug. 21, 1912.

WHERE THE MAIDENS STILL BLUSH.

Come, sweetheart, let's walk in the shade of the trees

That are laden with fruit in its beauty; Where the Maidens still blush and the red Apples

flush Their cheeks with the crimson God gave them.
We wandered in joy 'neath the shade of the trees
That were bending with Pippins all golden—
Where Rhode Island Greenings restrained us from

weaning
Our minds from the Apples of Eden.

Some Apples were ripe and the Pears were ripe,

But the Peaches and Plums were debating
Just which of the two were the sweetest clean

through,
And talked till their cheeks began blushing.
Then wending our way to the top of a hill,
Where we stood ere the sun was just setting,
We looked on the scene in its foliage green,
With crimson and golden fruit gleaming.

Chorus:
Don't talk to me, dear, of the Peaches and Plums,
Nor the fall Apples, fit for but crushing,
But tell of the fruit that a critic will suit,
And keep, after Maidens quit blushing. Peru, Ind., April 8, 1912. Dr. S. M. Wright.

THE FRINGED GENTIAN.

Thou blossom bright with autumn dew, And colored like to Heaven's own blue, That openest when the quiet light Succeeds the keen and frosty night.

Then doth thy sweet and quiet eye Look through its fringes to the sky, Blue-blue, as if that sky let fall A flower from its coerulean wall.

I would that thus, when I shall see The hour of death draw nigh to me, Hope blossoming within my heart, May look to Heaven as I depart.

Bryant.

O THORN TREE.

O Thorn Tree! O Thorn Tree! You were so fair in spring. Thorn Tree! O Thorn Tree! So fair in blossoming.

O Thorn Tree! O Thorn Tree! They say upon your bough, O Thorn Tree! O Thorn Tree! No fruit is hanging now.

O Thorn Tree! O Thorn Tree! Their truth a falsehood is. O Thorn Tree! O Thorn Tree! You're full with memories.
Floridayville, N. Y. Mrs. C. Mrs. C. A. M. Dolson.

THE LOTUS LAND.

Somewhere on a far off strand Lies that dreamy Lotus Land. Underneath the summer sky, By the sparkling stream, Underneaut are sam.
By the sparkling stream,
Everyone do sit and lie,
My, the Lotus dream!
Oh soft and low, with bubbled blow,
The rolling, roving breezes blow.
Oh rich and sweet, the lazy heat
O'erflood profusely each retreat!
Blow, murmuring breeze,
Wave softly, dreamy trees,
Lotus on the wind is borne,
Lulling souls from night to morn,
Rustling lazily like corn.
Breeze, blow, stream, flow,
Golden, dreamy Lotus, grow.
Lotlif.
Vivian Swanson. Fallon, Calif.

PANSIES.

Of all the bonny buds that blow In bright or cloudy weather, Of all the flowers that come and go, Of all the howers mar come and go,
The whole twelve moons together,
The little purple Pansy brings
Thoughts of the sweetest, saddest things.
Mary S. Bradley.

Bloom on, O velvet Pansies! Your silent peace impart; Outpour the balm of healing— The heartsease of the heart— Outbreathe your dewy incense Draw sweetness from the sod; Ye are the smiles of Heaven, Ye are the thoughts of God! Ida Scott Taylor.



I pray that you and care may never meet, But here are purple Pansies fresh and sweet; Cherish them tenderly, for well we know Sure talisman they are 'gainst grief and woe.

The flowers of life are many, And all of them are sweet, From Roses in the garden To Lilies at my feet. The sweetest Lily withers, The Roses soon depart, But oh! the dainty Pansies—They live within my heart,

Pansies for thoughts—let others give you Roses, I send you Pansies, tokens ever true. When dawn awakens, and the sweet day closes, Deep in my heart there linger thoughts for you! Clifton Bingham.

EVENING AT THE PINES.

When the tasks of the day are finished And we sit on the porch at The Pines, The twilight is merged into darkness In the shade of the thick twining vines.

The green twisted buds that unfolding Reflect the pale moon of the sky, The children are rapturously watching In this hour before their "bye-bye."

Though the light of these moons is sufficient For us with our day-weary eyes, The magic illumination Grows gayer with flitting fireflies.

From the grass and the shrubs they are rising With their gay little lanterns alight; Enchanted we sit mid the Moon vines By the charm of the fairy night. L. H. Casseres.

OCTOBER.

In the bracing breeze the shedding trees Over earth a royal carpet lay,
Of red and brown and green and gold,
Where October rests to mourn and pray,
Like a queen, dethroned and banished,
Looking back, that wept, and vanished. Gussie Morrow Gage. Topeka, Kan.

Farfugium. - My Farfugium is infested with a little red insect which is causing the leaves to turn brown and die. How shall I get rid of it?-

Mrs. E. Cubbings, Del.

Ans.—Invert the plant with the hand and dip it several times in soap suds a little hotter than the hand will bear. Repeat the application at intervals until the pest disappears. Suds that you can dip your finger in quickly and draw out without scalding, is at the right temperature for immersing plants,

Capnoides.—Mr. Park: I send you a leaf and pressed specimen of a little plant that grows wild on the banks of the Des Moines River. We cannot find out what it is. Will you please tell us?—M. W. Stratford, Iowa, May 19, 1912.

Ans.—The plant is Capnoides aureum, known in older botanies as Corydalis aurea. It is found in Canada and in the Western States to Pennsylvania, in shady places. It is a pretty little wildling, worthy of a place in any garden.

Sweet Fern.-Mr. Park: I am enclosing a spray of a fragrant plant that came in the mixed seeds. The plants grow tall and branch out. The leaves are Fern-like and the flowers are tiny, but the whole plant is very fragrant. We are anxious to have it again, but do not know what to call for.—B. G. Frack, Venango Co., Pa.

Ans.—The plant is known as Sweet Fern and is generally catalogued as Artemisia annua. It is a hardy annual and usually takes care of itself from self-sown seeds after once started.

cardins Marianus.—Mr. Park: I have a plant with leaves resembling a Poppy, but they have rather savage little thorns all around them and are much larger and thicker than Poppy leaves. Each vein is silvery. What is it?—H. S. leaves. Each vein is silvery. Saunders, Frontier Co., Neb.

Ans.—It is probably an annual known as Carduus Marianus. The foliage is the most attractive part of the plant, being Thistle-like and of a pinkish color. For fuller description see page 127, September issue.

For fuller descrittion see page 127, September issue.

Lady Washington Geranium.—Mr.

Park: I have a Lady Washington or Pansy
Geranium which is as lovely a plant as I ever
saw, but it blooms only once a year. I treat it
just as I do my other Geraniums, which bloom
constantly. Please tell me the cause of this?—
Mrs. L. A. Speer, Falls Co., Texas, July 16, 1912.

Ans.—As a rule, the finer varieties of Lady Washington Geranium (Pelargonium) bloom but once a
year, usually in early spring. If you wish a variety
that will bloom oftener, you will have to get a plant
of the so-called everblooming variety.

of the so-called everblooming variety.

Phlox Dying. Mr. Park: My Perennial Phlox plants have just withered away and died. I had them well manured with barnyard manure, and cannot understand what caused them to die.

and cannot understand what caused them to die. They are in a sunny, well-drained situation. Can you suggest the cause?—A.S.L., S.C., July 20, 1912. Ans.—It is more than likely that the manure was too strong for the plants that caused their death. It is well known, however, that, in many cases, Perennial Phlox plants are subject to a blight or fungus. If the plants are sprayed with Bordeaux mixture before the blight appears, this trouble will generally be overcome. be overcome.

A Freak.—Mr. Park: I have a Crimson Rambler growing upon the east side of the house, which bears beautiful foliage and flowers, but for two seasons past the buds push out from the flowers and develop other flowers, thus being

duplex in form. Can you tell me why this is? I enclose a specimen.—C. L. L., Auburn, Ind.

Ans.—This is a freak which is often found among Roses. Both flowers in the specimen sent are well developed. If the character can be fixed, it would not be an objection, as it would prove a curious as well as a charm Page.

well as a showy Rose.

"Tame Thistle."-Mr. Park: plant, raised from mixed seeds, which has mot-tled green and white leaves. It resembles the Thistle. A friend called it "Tame Thistle." The leaves are fully three feet long and a foot wide and the edges of the leaves are very wavy and curly. Can you name it? Everyone admires it greatly. It is, in fact, the center of attraction in my garden.—W. A. Simpson, Spokane Co., Wash.,

July 13, 1912.

Ans.—The plant is Carduus Marianus, a hardy annual, seeds of which may be sown either in autumn or spring. It is of easy culture.

Grape Vine Pest.—Mr. Park: There is a little white fly that troubles my Grape vines causing the leaves to fall off, and the Grapes causing the leaves to lair on, and the chapter will not ripen. How shall I treat them?—Mary E. Eken, Wayne Co., O., Sept 21, 1912.

Ans.—About the best remedy is to syringe the foliage thoroughly with lime and sulphur solution in

proportion of one part solution to 15 parts water. The insects mostly work upon the under side, and it is necessary to spray the under side of the leaves

as well as the upper surface.

Wonderberry,—Mr. Park: I have had the best luck with my flowers that I ever had. I am much pleased with my success. As to the Wonderberry, I would like directions for use.—E. L. Ans.—The so-called Wonderberry is a species of

Ans.—The so-called wonderberry is a species of Solanum, and in some parts of the country the fruit is considered poisonous. Those who use it pour scalding water upon it, then drain off before using. To make jelly or jam of this fruit, therefore, scale the fruit, pouring off the water, then proceed as you would with huckleberries or any other small fruits.

would with nuckleberries or any other small fruits.

Scale on Asparagus.—Mr. Park: I have an Asparagus Sprengeri of good size that is badly affected by scale. At one time I cut the branches off to the surface of the soil and allowed new branches to develop. The plant is full of flowers now. How shall I get rid of the pest?—F. H. W., Sandlake, N. Y., July 12, 1912.

Ans—Cut off the branches near the roots being

Ans.—Out off the branches near the roots, being careful that no scales are left to develop their kind. Shake the soil from the roots and repot in good fresh soil and in a new clean pot, pressing the soil firmly about the roots. New branches will issue from the roots, which will be free from the scale, and you will

have no further trouble.

Salvia Sclarea .- Mr. Park: Last year a plant came up from a package of mixed seeds of which I would like to know the name. It had which I would like to know the name. It had hairy, bad-smelling leaves, nearly round, slightly notched on the margin, about six inches across and lay close to the ground. They were sage green in color. I think it was a biennial or perennial.—H. H. W., Lancaster, Calif.

Ans.—The plant was probably Salvia Sclarea, a biennial growing three feet high, and, during the blooming period, covered with innumerable whitish flowers. It is easily started from seeds in the spring.

EDITORIAL NOTICES.

"Their Vesterdays." This is the title of a fascinating new book by Harold Bell Wright. It is the "love story of a man and woman in which there is sentiment, pathos and realism. It is daintily poetic, and its presentation of life is direct and forceful." It is a work of fiction destined to become popular.

Music.—I have received two beautiful songs from C. C. Powell, publisher, Columbus, O., the words and music written by our esteemed contributor, Lizzie Mowen, of Lima, O. They are entitled "Our Nation's Emblem," and "That's Why the Bells Are Not Ringing," They are commended to lovers of music.

Another pretty cong received from Malville.

Another pretty song received from Melville Music Pub. Co., 55 W. 28th St., New York, is "I Wonder Why," words by Rachel Hooper, music

by Madden Music Co.

PLANTS, BULBS AND SEEDS.

PLANTS.—Water Hyacinth, Florida Pawpaw, Wild Aster, Jerusalem Artichoke, Lobelia syphilitica, Perennial Pea, Ciematis paniculata, good plants, 10 cents each, three for 25 cents, or all for 40 cents. For 30 cents I will send the new drooping backet Coleus, Boston Smilax, Ruellia Makyana, Cuphea platycentra, Primula floribunda, Euphorbia splendens, Umbrelia Plant, and Jasminum primulifolium. This liberal offer is good only till November 10th.

BULBS.—Octoher is the month to buy and plant Hardy Bulbs. Send for Park's List of such buibs at low prices. It is full of hints, descriptions and illustrations. Free.

Hardy low prices. It is low prices. Free.

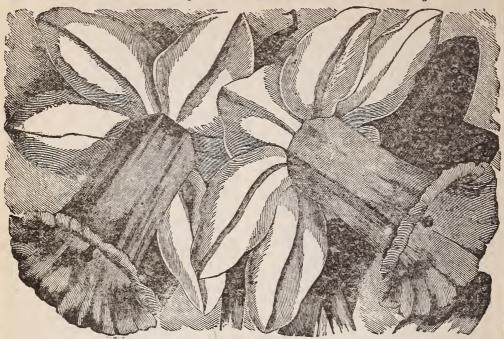
trations. Free.
I also offer a collection of 25 hardy bulbs for 25 cts,
It consists of Tulips, Narcissus, Crocuses, Scillas,
Grape Hyacinths, Allium, Sparaxis, Ornithogalum,
Irises, Anemones, Ranunculus, Snowdrops, Ixias,
Oxalis, Triteleia, and Chionodoxa. 25 for 25 cents.
Seeds.—All the seeds offered in last month's Mag-

azine may be ordered and sown this month. Do not delay your order. Address

[Advt.] Geo. W. Park. La Park, Pa.

A GLORIOUS DAFFODIL

Narcissus Bicolor Victoria, the Largest, Finest and Most Beautiful of the Single Daffodils.



TAKE GREAT PLEASURE THIS MONTH IN OFFERING MY FRIENDS SPLENDID, LARGE BULBS OF THE TAKE GREAT PLEASURE THIS MONTH IN OFFERING MY FRIENDS SPLENDID, LARGE BULBS OF THE finest of Single-flowered Daffodils, Narcissus bicolor Victoria. It is comparatively new, and will be a novelty to, and enthusiastically admired by all Daffodil lovers who see it. The flowers are of immense size, the perianth broad and full, and almost pure white in color, while the trumpet is long, deep, elegantly fringed and crimped at the mouth, and of the richest golden yellow imaginable. The flowers come very early, and seemt the air with their delicious odor. In a group or bed they make a grand display, and when grown in pots in the house, for which they are well adapted, they are unsurpassed. I urge all my friends to order a collection this month. The bulbs are now ready to mail, and can be potted or planted at once. They are perfectly hardy, and can be successfully used for bedding either North or South. I have but a limited quantity of the bulbs, and may not be able to repeat this advertisement. Price 8 cents each, or five bulbs for 30 cents. Order this month. Do not delay.

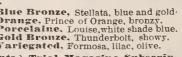
GEO. W. PARK, LaPark, Pa.

THE ORCHID-FLOWERING IRIS.

OFFER a splendid named collection of the beautiful Orchid-flowering Spanish Iris. They are hardy and gorgeous in groups or beds, blooming for several weeks in Spring. The list embraces all the fine colors. Price. the ten fine bulbs, with MAGAZINE on trial, only 15 cents. Or, for bedding purposes, 100 (10 collections) 80 cents. I wish all my friends would try these Iris. Their beauty will prove a revelation to many flower-lovers. Collection alone, 10 cents.

Azure, Philomela, exquisite. Blue, Darling, finest dark blue Yellow, Crysolora, large, bright. Pure White, Blanche Superb, fine White, Blanchard, pretty.

Blue Bronze, Stellata, blue and gold. Orange, Prince of Orange, bronzy.
Porcelaine, Louise, white shade blue. Gold Bronze, Thunderbolt, showy. Variegated, Formosa, lilac, olive.





Send Me Three (45 cents.) Trial Magazine Subscriptions upon this offer, and I will send you a collection free, including three extra hardy bulbs. my selection. See your friends at once and make up a club.

BULBS FOR WINTER BLOOMING.



The following bulbs are indispensable for winter-blooming. Get them, pot them and place in a dark closet to root, then bring to the window as wanted. They will bloom shortly after being brought to the light.

Chinese Sacred Lilies, fine imported bulbs. Each 8 c, per doz. 80c. Paper White Narcissus, imported bulbs. Each 8 c, per doz. 80c.

Paper White Narcissus, imported from France. Each 2c, doz. 22c.

Double Roman Narcissus, very fine imported. Each 2c, doz. 22c.

White Roman Hyacinths, bulbs sure to bloom. Each 4c, doz. 40c.

Italian Hyacinths, pink, very fine bulbs. Each 4c, doz. 40c.

Lilium Harrisii, Easter Lily, fine bulbs 15 cents; selected, 20 cents.

These winter-blooming bulbs can be mailed promptly, as they are received from growers earlier than other bulbs. Anybody can grow them. Cultural directions are sent with each collection of bulbs. Address

GEO. W. PARK, LaPark. Pu.

The New "Easy"
Sad Iron. Quick, easy
sales-big profits. New
invention-women wildagents getting rich, Brant,
Mo., sold 3 doz. first week:
Fitter, Wis., sold 24 in 3 days. WEEK Fitter, Wis., sold 24 in 3 days, Does big ironing for two cents. Saves cost in short time. Guaranteed, Saves time—labor—strength—health, No experience necessary. Write quick for special terms. Foote Mfg. Co. B256. Dayton, O.



Beacon E FITS YOUR OLD LAMP.

100 Candle Power incandescent pure white light from (kerosene) coal oil. Beats either gas or electricity. COSTS ONLY 1 CENT FOR 6 HOURS We want one person in each locality to whom we can refer new customers, Take advantage of our Special Offer to secure a Beacon Burner FREE. Write today. AGENTS WANTED.

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We want every quilter to have our book of 450 Designs, containing the prettiest queerest, scarcest. nost protesque patterns everthought of, from old log cabin to stars and puzzle designs, also cray stitches and circulars. All sent, postpaid, for five 2c. stamps (or silver dime). LADIES' ART CO., Block ?, St. Louis, Mo.



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Something new. Big Seller, Good repeater,
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On APPROVALI The kind your grandmothers used. Over 2,000,000 now in use.

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German Canaries lead the world for singing ablity; the best, selected and trained by experts, become marvelous singers. In soft melodious tones they imitate flute notes, bell notes and many other delightful musical sounds. Their songs have such variety they never grow old or tiresome. These are the world's famous

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St. A Rollers \$5.00 Each Ready Oct. 20th. New lots fresh from Germany every few days through fall and winter. Each bird guaranteed a good singer. Living arrival insured. Ask for free catalog. Brass cages \$1.00 to \$7.50 each. CURIOSITY BOX FREE For only 2 two-send you 10 Beautiful Sonvenir Cards and tell you how to get my big surprise Curiosity Box Free, Write metoday. B. W. MACY, Room 94 501 Plymouth Ct., Chicago, Ill.

AGENTS \$35 TO \$75 A WEEK INCOME, New invention, Scrubs, takes up water. No wringing, no cloths. Sells everywhere—big profits—axclusive territory. Write today. So—at terms, PIRRUNG MFG. CO., Dept 226 Chicago, III.

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To quickly introduce our new fancy work magazine teaching all popular embroideries, showing newest designs in shirt waists, corret covers, hats, scarfs, centers, etc., we send it a months for only 10c and give Free the famous Briggs Stamping Outnt, all complete, contentining over 30 transfer latest stamping patterns and full instructions. HOUSEHOLD FANCY WORK CLUB, Dept. 63, TOPEKA, KANSAS.



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The Finest Polyanthus Narcissus.

The finest of all Narcissus for house culture are the Polyanthus varieties. The bulbs are bloom well in winter even under unfavorable conditions, and every window gardener should grow them. I offer the three best, most distinct sorts, and the bulbs are large, sound and reliable. If you want to be sure of a fine display of beautiful and fragrant flowers the coming winter, do not fail to order a collection or more of these splendid bulbs. three collections (nine bulbs) only 25 cents, mailed. Price 5 cents each, or the three bulbs for 10 cents.

Grand Monarque, pure white with citron cup; large and beautiful, borne in splendid trusses.

Grand Soliel d' Or, beautiful golden yellow flowers in large trusses. This is the true Golden flowers in large trusses. This is the t Sacred Lily. The flowers are entirely

Gloriosa, soft white with dark, bright orange cup; very fine trusses.

For winter-blooming treat these as you would Hyacinth bulbs. In the South they do well bedded out. They often do well even in Pennsylvania when bedded out.

Collection of Choice Hardy Narcissus. 10 Splendid Named Sorts, Only 25 Cents.

Orange Phoenix, Eggs and Bacon; very double, richly variegated orange and silver white, finely scented, beautiful; 3 bulbs 10 cents; each 4 cents.

Sulphur Phœnix, Codlins and Cream; full double, large, cream-white with yellow variegations; splendid rare sort; 15 cents each.

finest strain; very double, richly scented, 3 bulbs 10 cents; each 4 cents. Van Sion, the charming, large,

Empress, the Giant Single Daffodil; trumpet, rich golden yellow; perianth broad, white, and of great substance. 8 cents each, 80 cents per dozen.

Barri Conspicua, single, orange yellow, richly stained orange-scarlet; beautiful. 6 cents each, 60 cents per dozen.

Sir Watkin, single, primrose perianth, crown bright golden yellow, tinged orange; very large and handsome. 5 cents each, 50 cents per dozen. Mrs. Langtry, single, broad, pure white perianth,

crown white edged yellow; very handsome, 5 cents

crown white edged yellow; very handsome, 5 cents each, 50 cents per dozen.

Poeticus ornatus, an improved, beautiful variety; flowers large, pure white with crimson cup, coming into bloom early; fine for either house or garden. Each 3 cents, 25 cents per dozen.

Ajax Princess, single, sulphur white perianth, yellow trumpet, a very handsome variety, known as Irish Giant Daffodil. 3 cts each, 30 cts per dozen.

Trumpet Maximus, bright golden yellow with twisted perianth; immense in size, very beautiful; excellent for criting: 6 cts each, 60 cts per dozen. excellent for cutting; 6 cts each, 60 cts per dozen.

THE ABOVE ARE ALL HARDY, beautiful, fragrant Narcissus, the finest varieties. They may be planted out now, or potted for winter. They make a varied and beautiful group or bed. I supply very

fine bulbs in the ten varieties at 25 cents, post-paid, or will mail 100 bulbs in the ten varieties for \$2.25. You cannot err in ordering this fine collection for your garden. The bulbs are sure to succeed. Cultural directions sent with every package.

Bulbs For Cemetery Planting.

Bulbs are the most lasting, beautiful and desirable of flowers for planting in the Cemetery. Those I offer are hardy, will take care of themselves, even though hampered by grasses, and are sure to bloom every year. I freely recommend them. bulbs for 25 cents, or five collections, 60 bulbs, for \$1.00, mailed, postpaid. I offer the 12

Lilium Candidum, the lovely Madonna Lily, trusses of beautiful, fragrant, pure white trumpets,

in mid-summer. Price 10 cents.

3 Leucojum Æstivum, the elegant giant summer Snowdrop; grows a foothigh, bearing big clusters of drooping white flowers. The 3 bulbs 10 cts.

1 Muscari Botryoides alba, the rare and charming white Grape Hyacinth; a beautiful early spring flower. Price 5 cents.

3 Narcissus alba plena odorata, the hardy, fragrant, white double Poet's Narcissus; one of our finest early spring flowers. The 3 bulbs, 10 cents.

Narcissus biflorus, a superb Narcissus; large, Single white flowers in pairs; splendid. The 3

bulbs 10 cents.

1 Tris Florentina alba, aglorious Fleur-de-Lis.

grows a foot high, bearing great pearly white, fragrant flowers in May. Price 5 cents.

THIS ENTIRE COLLECTION, retail value 50 cents, will be mailed for 25 cents, or five collections, 60 bulbs, for \$1.00. You can find no bulbs more suitable for THIS ENTIRE COLLECTION, Cemetery planting than these. Order early, as the Lily should be planted so as to start growth in the fall.

MISCELLANEOUS BULBS.

Anemone fulgens. rich scarlet, doz. 25c, ea. 3c.

Babiana, mixed, fine pot bulbs, easily grown, per
dozen 25 cents, each 3 cents.

Bulbocodium vernum, hardy early Spring
flower, per dozen 50 cents, each 5 cents.

Camassia esculenta, hardy, blue, showy, per
dozen 25 cents, each 3 cents.

Chionodoxa Lucilize, Snow Glory, earliest
of flowers per dozen 25 cents each 3 cents

of flowers, per dozen 25 cents, each 3 cents.

Corydalis bulbosa, lovely hardy Spring flowers, each 3 cents.

Crown Imperial, Maxima Red. hardy, showy Spring bulb, each 25 cents.

Maxima Yellow, each 25 cts.

Note.-When once established, these elegant garden flowers will take care of themselves and last for

ageneration.

Day Lilies in variety, per doz. 50 cts., each 5 cts.

Eranthus hyemalis, very early hardy Spring flower, per dozen 25 cents, each 3 cents.

Erythronium mixed, splendid little Spring flower, per dozen 25 cents, each 3 cents.

Fritillaria Meleagris, elegant bulbous Spring flowers, per dozen 25 cents, each 3 cents.

Galtonia Candicans, Summer Hyacinth,

hardy, per dozen 50 cents, each 5 cents. Iris Anglica, English Iris, mixed,a fine Spring flowering bulbous Iris of various colors, per

flowering bulbous Iris of various colors, per dozen 25 cents, each 3 cents.

Iris Kæmpferi; white, rose or blue, named, ea. 5c.

Iris Florentina, white, blue, purple, separate, per dozen 50 cents, each 5 cents.

Lachenalia quadicolor, a fine pot bulb for Winter-blooming, sure to bloom, each 10 cents.

Winter-blooming, sure to bloom, each 10 cents.

Leucojnm Vernum, the lovely Spring Snowflake, ner dozen 50 cents, each 5 cents.

Oxalis Howei, rose, large-flowered, doz. 25c, ea.3c.

"cernua lutea, yellow, fine, doz. 35c, each 3c.

"fl.pl., double, fine, doz. 35c, each 4c.

Rosea, lovely, rich flowered, doz. 25c, ea. 3c.

Puschkinia libanotica, charming hardy
Spring flower, per dozen 25 cents, each 3 cents.

Snowdrop, double, earliest Spring hardy flower,
per dozen 25 cents, each 3 cents.

Tritoma Macowami, Red Hot Poker, hardy, fine
roots per dozen \$1.00, each 10 cents.

roots, per dozen \$1.00, each 10 cents.

GEO. W. PARK, LaPark, Lanc. Co., Pa.

CHOICE BERMUDA BULBS.

Bermuda Easter Lily, the popular Easter flower, large, trumpet-shaped, pure white flowers at the summit of a leafy stem. Fine bulbs, to 9 inches in circumference, 15 cents each, \$1.0 per dozen. Selected bulbs, 20 cents each, \$2.00 per dozen.

Extra Bermuda Freesias, large bulbs, sure to bloom; one bulb two cents, one dozen bulbs 20 cents, 100 bulbs \$1.25.

Mammoth Buttercup Oxalis, very large bulbs, certain to grow and

bloom, one bulb four cents, one dozen 40 cents, 100 bulbs \$2.50.

Zephyranthes or Daffodil Lily, a small Amaryllis of great beauty in pots. Colors white and rose. Either color, one bulb four cents, 12 bulbs 40 cents, 100 bulbs \$2.50.

Four Freesias and two Zephyranthes may be grouped in a six-inch pot. One Bermuda Easter Lily or one Buttercup Oxalis will occupy a six-inch pot. I will send the eight bulbs with full cultural directions and Park's Floral Magazine a year fer only 30 cents. For a club of five subscriptions, with this premium, (21.50), I will send an Amaryllis Johnsoni, a beautiful, easily-grown pot plant, price 35 cents, or for eight subscriptions (\$2.00) a Giant Aigberth Amaryllis, a glorious vaniety, bearing immense flowers of various colors from white to crimson, the price of which is 50 cents. Or, Bulb address GEO W PARK Is Park Pa

Address GEO. W. PARK, La Park, Pa.



FINEST NAMED TULIPS.

COLLECTION F, Pottebakker Tulips, 3 Fine Bulbs 8 Cents.

Pottebakker White, large, showy, splendid color. Pottebakker Scarlet, unrivaled for fine effect.

Pottebalker Vellow, inch golden yellow, unsurpassed.

These are glorious single-flowered Tulips, vigorous in habit, very early, hardy and showy. They make a gorgeous bed. In quantity I will ship these bulbs at \$1.25 per hundred, or \$10,00 per thousand, delivered at express or freight office here.

THESE ARE THE EARLIEST OF ALL TULIPS, coming almost with the early Daffodils. The best for house culture, though still more satisfactory for the garden. I offer the following collection, ten fine bulbs in ten colors, for only 15 cents:

Red and Yellow Gold Striped White Scarlet Scarlet White Scarlet This is a new collection of the certified of This can be with the central tendency of the

enta 15 c

This is a new collection of the earliest of Tulips. It deserves a place in every garden. Only for the ten bulbs. Order this month.

Parrot Tulip: A superb late Tulip, very showy. These splendid mixed Tulips, rich colors. Ten



TO PROVE TO YOU that this magnificent, Royal has the SWEETEST, PUREST, LOUDEST and CLEAREST TONE —

TO PROVE TO YOU that it is as large and handsome as the trust machines that sell at \$25.00— TO PROVE TO YOU that it has the strongest motor, the best reproducer and tone arm and the most ingenious devices for starting, stopping and controlling the music.

Shipped with a supply of 10-inch double disc records of your selection, so you can enjoy the finest entertainments for one whole month. Return the outfit AT OUR EXPENSE, if for any reason you do not wish to keep it. Drop a postal for our big list of unsolicited testimonials record book and other literature. They are free. S. DAVIS, Dept. A 13 May & 61st, Chicago



We are railing this wonderful offer just to introduce our large gold motto pictures everywhere. Everybody is glad to buy them at 10c aplece. Some of our agents have sold twenty in half an hour.

THE BRACELET is the extension style and is a beauty. The dainty Locket and Ring are both very handsome. You will be delighted when you get them, Send your name and address and we will send the 12 pictures at once. When sold send us the \$1.20 and we will send you all three presents at once, postpaid. Send today. Address: M. L. BROWN Mgr., Dept. P 76 Englewood Sta., Chicago



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Here is a free gift for you, Take your choice. The fine black rubber fountain pen, business style. Lady's chatelaine pin, beautifully enameled. Lady's silvered locket chain with white stone pendant. Man's white stone and synthetic pearl stick pin. Take stone and synthetic pearl stick pin. Take the one you want. It is postpaid free to you. Nothing to buy. Nothing to sell. Nothing to earn. Nothing to pay. Positively free for a little information.

SEND NO MONEY

Don't send a cent. Just send your name and address. A postcard or a letter will do. We simply want your name and address so that we can ask you for a little information and give you a beautiful. valuable present positively and absolutely free. This is a very limited offer. Act quick. Write today.

VERY SPECIAL

To all who write promptly we will positively give choice of either of the four beautiful presents. Be sure to write promptly so that you can have all four of these presents to select from. It will go to you postpaid free. This is the most remarkable offer. You can't afford to miss it. Write now.

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MAKE \$21.00



Easymoney—just waiting for you. Hurry, write today. Get free par-ticulars and sworn proof about this startling new invention. Sell the Easymoney-

MAPVEL VAPORIZER

for coal oil lamps. Makes common long a vapor lamp. No mantles to break. No smoke or smell. Brilliant white light. Cuts down oil bills. Don't break chimneys. Lasts as long as burner. Fits any lamp. Agents excited—coining money. Listen: Glassocek, Ark., sales \$392 in few days. Kreiger, Mo., cleared \$21 one Saturday. Medealf, Texas, made \$5.50 one hour. Cook, N. Y., made \$51 one week. HURRY. You can average the work. Anyone can do this work. No experience required. Make big monoy—be independent, work all or spare time. Not for sale in stores. Send no money but write quick for details. Do it now. for coal oil lamps. Makes common lamp a vapor lamp. No mantles

boit now.

Sidney Fairchild Co., 457 Fairchild Bldg., Toledo, O.

MAGAZINE APPRECIATED.

Mr. Park:—I want to tell you how I enjoy your Magazine. I refer to it very often and generally find just what I want to know.

Prospect, Pa. Mrs. Catharine Roth.

Mr. Park:—I have taken your Magazine for some time and I do appreciate it so much, although I have never before told you how enjoyable it is to me. I have also sent in subscriptions for several of my friends and relatives.

Bridgeport, N. Y. Mrs. Will Warren.

Mr. Park:—I am a subscriber to your Floral Magazine and appreciate it very much. I am especially pleased with the stand you take in regard to the tobacco and drink habit.

Sanilac Co., Mich. Lily M. Chapin.

Mr. Park :-- Your Floral Magazine is one of the most sensible, practical and pleasing of the four-teen periodicals which reach us. We enjoy it Mrs. G. P. Morgan. immensely.

Knox Co., O., June 3, 1912.

Mr. Park:—I like your dear little Magazine and find it a great help to me in the care of my flowers, of which I have a great many. I am preparing to have a conservatory and shall appreciate it more than ever. I have been your patron and reader for many years.
Lodi, Cal., Aug. 26, 1912. Mrs. C. A. Hopkins.

Mr. Park:-I have every Magazine that we have ever received from you, and if any copies should be destroyeed, there would be war in this camp, as I like to refer to them.

Marion Co., Ind. Mrs. Wilburt Whitlock.



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Seeds of Canterbury, Columbine, Sw. Wm. and R'k't for house plants. Mrs. A. Dayls, R.1. Wolverine, Mich. Five kinds Cactus for flower seeds, house and hardy plants. Write. Mrs. Evesta Knox, Springfield, Col. Seeds of Per. Phlox, etc., for other perennlals. Write. Helen Ensign, Dunkirk, N. Y.

20 kinds of flower seeds for 1 doz. Daffodils, Zephyrant's Gladi's or Anem. Mrs. A. Shaw, Santa Ana, Cal. Arlsæma tubers and Hollyhock seeds for Azaleas, Beg. or Hyaci's. Clarence Faunce, Fowlerville, Mich. Castor Oil beans for seeds, plants or bulbs. Henry Parsons, 167 Noe St., San Francisco, Calif.

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Rooted Flowering Almond, white or pink, for a rooted Cape Jasmine. Mrs. Ada Gist, Letart, W. Va. Seeds or bulbs for old-fashioned Ragged Robin, double-flowered. Write. Angle Marlin, Berlin, Mich, Tulip bulbs for Hyacintlis, Gladiolus or Begonias. Samantha Cripe, R. 1, Rossville, Ind.

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Boston Ivy, Mt. Vine and Jack-in-the-Pulpit for Chry. & monthly Roses. A.I.Swanson, R.2, Gowrie, Ia. Five Bluebell plants for every Cactus slip. Mrs. R. T. Hutton, 540 Clinton St., Cincinnati, O.

12 Strawberry plants for every Rose or per. flower plant. Send. Mrs. W. J. Lynch, R. 2. Reinbeck, Ia. 60 varieties choice Dahlias for bulbs, shrubs, Rhubarb or St'wb'y pl's. Ida Browne, Murfreesboro, Ark. Jasmine, blue Violets and purple Lilac for Ger. or other pl'ts or seeds. Miss M.Smart, R.1, Florence, Tex.

Native Iris. Tenax Douglassi, for other Iris. Mrs. Jesse J. Hawkins, R. 2, Milwaukee, Oregon. Dalsies, Violets, and Primroses for others. Write. Mrs. M. Durgan, R. 1, Clackamas, Oregon.

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GEO. W. PARK, La Park, Lanc'r Co., Pa.



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pany, 1091 Oliver Building. Jackson, Mich.

Large white Lily bulbs for Dahlias. Mrs. R. B. Stapleton, Hattiesburg, Miss.

Iris, Pinks, Carnations, etc., for other plants. Write. Isabel F. Pierce, Arlington, Mass.

Jonquils and Roses for other flowers, or Rex Begonias. Mrs. S. S. Lester, Floyd, Va.

Orange Amaryllis for other colors, or other bulbs. Florence L, Johnson, R. 2, Waupaca, Wis.

Star of Beth, and Ice Plant for Impatiens Sultani, or Mexican Primrose. Mrs. Alice Suter, Malta, Mont. White Zephyranthes for Jasmines, Figs, Calla Lily, or any Southern plant. Ida Toepfer, Streator, Ill.

Indian Turnip, Hollyh'k and Violets for Per.Phlox, Cactus or Rex B. B. A. Styers, R.5, Greensboro, N.C. Bulbs and plants for Cactus. Mrs. C. A. Woods, Beaver, W. Va.

Hardy shrubs for Oleander, Cactus, House Hydran-ea, etc. Write. Mrs.J.H.Stevenson, Groton, Conn, Daffodils, Hyacinths, Bridal Wreath and other bulbs and plants for Geraniums, Begonias and Fuchias. Goldie Rogers, R. 2, Okalona, Ark.

House pl'ts, small fruit pl'ts or per plants for hardy pl'ts, vines or Ro's. Mrs. L.M. Saunders, Maywood, Neb

Opening for a Florist. -Miss Carrie Miller, photographer, Marion, Kas., writes that there is a good opening for a florist in her town, which is 40 miles from any greenhouse. It is a desirable location for such an enterprise. She will gladly communicate with anyone who wishes to consider a favorable opening for a florist.





Graceful, Perfect, ing-Size Transfer 33 New, Graceful Full-Working-Size S3 New, Graceful, Perfect, Full-Working-Size Patterns comprising Dosigns for Baby Cap, Shirt-waist, 14-inch Centerplece, 2 6-inch Doilies, Buckle-Bow, Jabot, Belt, 2 Pincushion Tops, Corset Cover, Brush Holder, Talcum Box, Scissors Case, Needle Book, 2 Handkerchlef Corners and 16 more designs of Different Sizes Suitable for Presents. We send these 33 Patterns with THE HOUSE-WIFE on trial for 3 months for TEN CENTS. THE HOUSE-WIFE on trial for 3 months for TEN CENTS. THE HOUSE-WIFE on trial for 3 months for TEN CENTS. THE HOUSE-WIFE on trial for 3 months for TEN CENTS. THE HOUSE-WIFE on trial for 3 months for TEN CENTS. THE HOUSE-WIFE on trial for 3 months for TEN CENTS. THE HOUSE-WIFE, 30 IRVING PLACE, NEW YORK

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Plant This Fall You'll get a third bigger growth next year. Send now for Berrydale berry book. Contains moneymaking ideas, tells about valuable new berries, free A. MITTING Berrydale Experiment Gardens Floral Avenue Holland, Mich.

Roses.—Mr. Park: Will you please tell me if the canes of a climbing Rose bush that bloomed this year will do so next year, or should they be cut off to make room for the new sprouts? If so, when should the cutting be done?-Mrs. J. L.

Jones, Chicago, Ill., Aug. 4, 1912.

Ans.—As a rule it is well to prune away the blooming branches of summer blooming Roses as soon as Ing branches of summer-blooming Roses as soon as the flowers fade. This will encourage the development of new growth, which will become blooming branches the following year. This treatment should be applied to the old-fashioned May Roses, June Roses, Madam Plantier; and the climbers, such as the old fashioned Wall Rose, the Prairie Rose and Ramblers. Avoid cutting away the branches of these Roses in spring or before they bloom, as you would thus be cutting away the bloom branch. would thus be cutting away the bloom branch.

False Olive .- Mr. Park: I enclose a spray with specimens from a tree growing in one of our cemeteries, and it is the only one I have ever seen. The blossoms are pale yellow. The leaves have a beautiful silvery appearance above and beneath, and the bark is dark colored, looking much like that of a common Maple. The branches are of weeping habit and the tree looks very beautiful in the sunshine. The general appearance is that of a Willow.—Annie Gilbert, Neb., June 4, 1912.

Ans.—The spray enclosed is that of Eleagnus argentea angustifolia. It is a hardy tree found in the northern parts of the United States. The flowers bloom in May and June, and the fruits, which are edible, ripen in July and August. The tree is of dwarf habit, rather dense, and desirable as a decora-

tive shrub or tree.

100

fect

Moneywort.-A vine which has been much admired and enjoyed by our own family and friends, I do not know the name of, but have heard it called Moneywort, Yellow Myttle and Matrimony Vine. It has green leaves and bright yellow flowers, and looks better than poorly kept grass.. What is its name?—Bertha G. Frack, Oil

grass., What is its name i—bertha of Traca, of City, Pa., July 9, 1912.

Ans.—The specimen enclosed is of Lysimachia Numularia. It is a plant well suited for damp, shady places and carpets the ground thoroughly, as it has creeping branches and grows freely. It is also a desirable plant for a box or basket in a shady place. It is readily grown from cuttings.

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About Exchanges,-Mr. Park: In answer to my exchange notice I got more cards, letters and plants than I knew what to do with. I did not have plants enough to supply all, but will do the right thing by all who answered my notice. Mrs. Arthur Dutton

Trempeleau, Wis., Aug. 8, 1912.
Note,—It is unfortunate that instructions have gone out to the postmasters of the land, not to accept any packages of plants, scions, roots, etc., unless they have been inspected by an official and a certificate obtained testifying that the stock has been examined and found free from dangerously injurious insects and diseases. Under this order, no postmaster can lawfully mail a package of plants, scions, bulbs, roots, etc., without violating the law, and as the mailing of an occasional package of such things would not justify securing an inspector's certificate, this ruling, I sincerely regret, puts an end to exchanging by amateur cultivators.

EXCHANGES.

Roots of Chrysanthemums for d'ble and Allegheny Hollyhock roots, and named Geraniums and Pelargoniums. Georgina S. Townsend, R. 1, Azusa, Cal.

12 Strawberry plants for Cacti, different kinds, perennials or Roses. Mrs.W.J.Lynch,R.2,Reinbeck,Ia.

Dr.Bonney, Buck Grove, Ia., has formula for metalizing flowers, bugs, etc., also Gladiolus corms and cormlets to ex. for Lilies, Cannas, Gladioli and Iris. Cacti and Houseleek for Hyacinths and Crocuses, Kletnia, Gasteria or Stapelia variegata, for Pereskia or Stapelia grandiflora. Mrs. E. Farrel, Toledo, Wash.

Hollyhock seeds mixed for named seeds, plants or

bulbs. Send. Lula M. Kirkland, R. 2, Lorimor, Iowa. Daffodils, Narcissus and Jonquils for Geranium slips. Mrs. Sam. Lancaster, Pauline, S. C.

White Crinum for Milla Biflora, Tuberose or Gloxinia. Alice Slawson, St. Simons, Ga.

Star of Bethlehem bulbs for Hyacinths or other flowering bulbs, Mrs. J. M. Wood, Penfield, Ill.

Lily bulbs or hardy Phlox plants for musk plants. Mrs, Markley, 324 Middleboro St., Elkhart, Ind.

Cactus slips and flower seeds for hardy flower plants. Send. Mrs. H. W. Stewart, Caldwell, Idaho. Pot plants and monthly Roses for same. Write. Mrs. Maggie Payne, San Augustine, Tex.

Dahlias, Gladiolus, Golden Glow or hardy Phlox for White Spider Lily or others. Sallie Broome, Paro, Ga. Native Cactus for Rhubarb, Strawberry or any berry plants, Roses or bulbs. Mrs.A.Lammers, Nihil, Mont.

Begonias for others not in my collection. S. E. McClelland, R.'4, Dayton, Tenn.

Golden Glow, Valerian, etc., for Cape Jasmine, etc. Mrs. F. Black, 2107 Woodside Ave., Bay City, Mich.

Seeds of Sw.Wm., Sw.Rocket, Cosmos, etc., for seeds of C.Bell, P.Phlox, Mrs.E.C.Eggleston, Allegan, Mich. Daffodil bulbs and flower seeds for Hyacinth and Tulip bulbs. Write. Miss K. Patterson, Sullivan. Ill.

Plants and seeds for others. Write first. Mrs. Frank Long, Priest River, Bonner Co., Idaho.

Bulbs of C. S. Lily, Yel. Jonquils, etc., for Pæonies, Lilies, or Hya. Write. Grace D. Atmore, Sespe, Cal. Burbank Canna for Tulips, Hya., Crocus, etc., Write, Mrs.F.Carr, 416 Melchoir St., W.E., Birmingham, Ala.



Each one of these four lines of figures spells a word. This most interesting puzzle can be solved with a little

M. B. MURPHY, Mgr., 649 W. 43d St., Dept. 183 , New Yorks , New York

THOUGHTS HEAVENLY.

We read and think of Heaven. That fair country far away,
Where there're angels, saints in glory,
And some friends of ours today;
But so little on the present,
Do we think and lend our cheer— Kindness given to make a Heaven For the many round us here.

Why wait till 'long in the eighties (More or less the case may be) For a time for bliss in Heaven, Where God's glory we shall see, When the present time is with us, And God's waiting now today To grant us all a blessing, Guiding in a Heavenly way.

Oh! don't hold back now the flowers Oh! don't hold back now the flowers
Till your friends are on the bier;
Give them flowers while they're living,
And their souls just try to cheer.
Tell them for their health you're wishing,
For success and also pleasure,
And earth will be a paradise,
Where joy comes without measure.

St. Louis, Mo., March 26, 1912. Albert E. Vassar.

CHILDREN'S CORNER.

Dear Mr. Park:—I a bov 13 years old and live in the country. I am fond of flowers and love your Magazine very much. I have a dog and five pets Joe Myers.

Lucas, Mich., R. 13, 1912.

Dear Mr. Park:—I love the little Magazine and receive it regularly. My subscription is not out until next December. It helps me so much about my flowers. I will renew my subscription when Percy Kepner. Mt. Pulaski, Ill., R. 3, Aug. 13, 1912.

Dear Mr. Park: -I am a little girl 11 years old.
My mother has been taking your Magazine for 12
years and I like to read it. I milk three cows and
help to wash the dishes.

Martha Keartley.

Unionville, Iowa, July 25, 1912

Dear Mr. Park:—I am a farm girl 19 years old and love flowers very much. My sister takes your Magazine and we could not do without it. It is a great help in the cultivation of flowers. Hattie Cannaday.

Postals exchanged. Pizarro, Va., Aug. 7, 1912.

H

Ŀ¥ ıkκ Dear Mr Park: -- I a farmer's daughter, 15 years old. We have eight Maple trees in our front yard, and they afford lots of shade. I have a flower garden there also, and have a fine collection of flowers. Agnes H selton.

Bridgewater Corners, Vt., July 26, 1912.

Dear Mr. Park:—I have received two copies of your little Magazine and think it is a charming paper. I am 16 years old and live on a farm of 75 acres. I sowed the premium see's received with the Magazine and they are growing finely. We have just finished haying and our barn is brim full. Postals exchanged. Ward M. Heselton. Bridgewater Corners, Vt., July 2: 1912.

Dear Mr. Park:—I am a little girl three years old, and live in the country, in New Hampshire. My granny has been tabing your Magazine for several years, and she likes it very much, and I also like to look at the pictures. Postals ex.

Katherine E. Done.

Seabrook, N. H., R. D., May 24, 1912. Dear Mr Park:—I am a little gni 15 years out.
We live in town in winter and in the country in summer. I just love flowers. We have taken your dear little Magazine for a long time. I am always glad when it comes. I have a pet horse and love to ride him.

Eva J. Street. Dear Mr Park:-I am a little girl 13 years old.

Princeville, Oregen, July 17, 1912

Dear Mr. Park:—I am a girl of 10 years and live in the country on 80 acres. I have two dolls. One is named Ethel and the other Mae. I have a dog, too, and call him Shep. Mother, Grandma and I have lots of flowers. Mother takes your Magazine. We like to see how to raise flowers successfully. I would be glad to receive letters or cards from the children.

Ninburn Joyza Lune 11, 1912

Minburn, Iowa, June 11, 1912.



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